

ELECTRICAL ABBREVIATIONS

1PH 1P 2/C 3/C 3PH 4/C 4W	SINGLE-PHASE SINGLE POLE TWO-CONDUCTOR THREE-CONDUCTOR THREE-PHASE FOUR-CONDUCTOR FOUR-WIRE	FA FAAP FABL FABX FACP FC FI FIXT FLA FLEX FLT FLUOR FLUOR FIX FOUIT FP FT FU SW FVNR FVR	FIRE ALARM FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM BELL FIRE ALARM BOX FIRE ALARM CONTROL PANEL FOOT CANDLE FILM ILLUMINATOR FIXTURE FULL LOAD AMPS FLEXIBLE METALLIC CONDUIT FLOODLIGHT FLUORESCENT FLUORESCENT FIXTURE TELEPHONE FLOOR OUTLET FIRE PROTECTION FEET OR FOOT FUSED SWITCH FULL VOLTAGE NON-REVERSING FULL VOLTAGE REVERSING
A/C UNIT A/E AAP ACC ADDL ADJ ADO AF AFC	AIR CONDITIONING UNIT ARCHITECT/ENGINEER ALARM ANNUNCIATOR PANEL ALTERNATING CURRENT OR ARMORED CABLE ACCESSIBLE ADDITIONAL ADJOINING AUTOMATIC DOOR OPENER AMPERE FRAME OR AMP FUSE ABOVE FINISHED COUNTER, AUTOMATIC FREQUENCY CONTROL, OR AVAILABLE FAULT CURRENT ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AMPERE HOUR AUTHORITY HAVING JURISDICTION AMPERE INTERRUPTING CAPACITY ALTERNATE AMBIENT AMP ARCH ASC AT ATS AUTO AV	G OR GND GEN GFCI GTB HID HDA HP HT HZ IESNA IMC INCAND IR IWH J-BOX KV KVA KVAH KVAR KW KWH KWHM	GROUND OR GROUNDING GENERATOR GROUND FAULT CIRCUIT INTERRUPTER GROUND TERMINAL BOX HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC HORSEPOWER HEIGHT HERTZ ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA INTERMEDIATE METAL CONDUIT INCANDESCENT INFRARED INSTANTANEOUS WATER HEATER JUNCTION BOX KILOVOLT KILOVOLT AMPERE KILOVOLT AMPERE PER HOUR KILOVOLT AMPERE REACTIVE KILOWATT KILOWATT HOUR KILOWATT HOUR METER
BAT BC BD BFF BIL BLDG BPJP BRKR BYP C CAB CALC CAP CAT CATV CCR CCTV cd cd CF CF/CI CF/OI CFE CHW CHWP CKT CKT BRKR CLF CLG CMU COAX COMM COMPT CONC CONT CONTR COORD COTR	BATTERY BARE COPPER BOARD BELOW FINISH FLOOR BASIC INSULATION LEVEL BUILDING BOILER PLANT INSTRUMENTATION PANEL BREAKER BY PASS CABINET CALCULATE CAPACITY CATALOG COMMUNITY ANTENNA TELEVISION CONTROL CONTRACTOR CLOSED CIRCUIT TELEVISION CANDELA CONSTRUCTION DOCUMENTS CONTRACTOR FURNISHED CONTRACTOR FURNISHED/CONTRACTOR INSTALLED CONTRACTOR FURNISHED/OWNER INSTALLED CONTRACTOR FURNISHED EQUIPMENT CHILLED WATER CHILLED WATER PUMP CIRCUIT CIRCUIT BREAKER CURRENT LIMITING FUSE CEILING CONCRETE MASONRY UNIT COAX CABLE COMMUNICATION COMPARTMENT CONCRETE CONTINUE CONTRACTOR COORDINATE CONTRACTING OFFICERS TECHNICAL REPRESENTATIVE CONTROL POWER TRANSFORMER COLOR RENDERING INDEX CURRENT TRANSFORMER CABLE TELEVISION COPPER CUBIC FEET CURRENT	LED LF LM LUMEN LP LPS LRA LTCP LT LTG LTG PNL LTVG LV MATV MAX MC MCA MCB MCC MDP MECH MG MH MIN MOCP MLO MT MTD MTG MTS MV MVA MW NA NEC NEMA NEUT OR N NFPA NIC NL NO NS NTS OC OD OL P PA PART PB PBPUP PCB PEC PED PEND PF PH PNL PND PT PTRV PVC PWR	CONDUIT LIGHT EMITTING DIODE LINEAR FEET (FOOT) LUMEN LIGHT POLE LOW PRESSURE SODIUM LOOKED ROTOR AMPS LOCAL TEMPERATURE CONTROL PANEL LIGHT LIGHTING LIGHTING PANEL LIGHTNING LOW VOLTAGE MASTER ANTENNA TELEVISION SYSTEM MAXIMUM METAL-CLAD MINIMUM CIRCUIT AMPS MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER MAIN DISTRIBUTION PANEL MECHANICAL MOTOR GENERATOR MANHOLE MINIMUM MAXIMUM OVERCURRENT PROTECTION MAIN LUGS ONLY MOUNT MOUNTED MOUNTING MANUAL TRANSFER SWITCH MEDIUM VOLTAGE MEGAVOLT-AMPERE MEGAWATT MICROWAVE NOT APPLICABLE NATIONAL ELECTRICAL CODE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NEUTRAL NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NIGHT LIGHT NORMALLY OPEN NO SCALE NOT TO SCALE ON CENTER OUTSIDE DIAMETER OVERLOAD POLE PUBLIC ADDRESS PART OF CONTINUOUS CIRCUIT (SHOWN FOR CLARITY) PANELBOARD, PULL BOX, OR PUSHBUTTON PREFABRICATED BEDSIDE PATIENT UNIT POLYCHLORINATED BIPHENYL PHOTOELECTRIC CELL PEDESTAL PENDANT POWER FACTOR PHASE PANEL POWER OPERATED DAMPER POTENTIAL TRANSFORMER POWER TYPE ROOF VENTILATION POLYVINYL CHLORIDE (PLASTIC) POWER

ELECTRICAL SYMBOLS – POWER PLAN

	CONDUIT CONCEALED IN WALL OR CEILING
	CONDUIT CONCEALED UNDERGROUND
	CONDUIT CONTINUATION
	BRANCH CIRCUIT HOMERUN
	DISTRIBUTION PANEL
	PANELBOARD CABINET
	JUNCTION BOX
	RECEPTACLE, SIMPLEX
	RECEPTACLE, DUPLEX
	RECEPTACLE, DOUBLE DUPLEX
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER
	ELECTRICAL STRIP MOLD (OUTLETS ON 2'-0" [610mm] CENTERS OR AS DESIGNATED ON DRAWINGS). SEE PLANS FOR MOUNTING HEIGHTS.
	RECEPTACLE, DUPLEX – FLOOR
	3-GANG COMPARTMENT BOX IN FLOOR FOR TELEPHONE, DATA & RECEPTACLE.
	RECEPTACLE, SPECIAL PURPOSE A = 120V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 5-20R; B = 208V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 6-20R; C = 120V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 5-30R; D = 208V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 6-30R; E = 208V, 60A, 1 PHASE, 3-POLE, 4W, NEMA 14-60R; F = 208V, 30A, 3 PHASE, 3-POLE, 4W, NEMA 15-30R; G = 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-30R; H = 208V, 60A, 3 PHASE, 3 POLE, 4W, NEMA 15-60R; I = 208V, 40A, 1 PHASE, 2 POLE, 3W, NEMA 6-40R.
	SPECIAL CONNECTION. FURNISH AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
	MOTOR, SINGLE-PHASE
	MOTOR, THREE-PHASE
	DISCONNECT SWITCH, FUSED
	DISCONNECT SWITCH, UNFUSED
	STARTER, COMBINATION WITH DISCONNECT SWITCH
	STARTER OR MOTOR CONTROLLER
	VARIABLE FREQUENCY DRIVE
	TIME CLOCK
	THERMOSTAT OR TEMPERATURE SENSOR: SEE MECHANICAL DRAWINGS FOR LOCATIONS FURNISH AND INSTALL BACKBOX AND 1" C TO ABOVE ACCESSIBLE CEILING. COORDINATE INSTALLATION WITH MECHANICAL
	SWITCH F = FUSED SWITCH L = LOCK M = MANUAL MOTOR STARTING MP= MOTOR SNAP WITH PILOT LIGHT (THERMAL TYPE) PB= PUSH BUTTON STATION WP= WEATHER PROOF

ELECTRICAL SYMBOLS – LIGHTING PLAN

	SWITCH BLANK = SINGLE POLE 3 = THREE-WAY D = DIMMER LV= LOW VOLTAGE LM= LOW VOLTAGE MASTER PB= PUSH BUTTON STATION T = TIMER OPERATED X = EXPLOSION PROOF
	2 = DOUBLE POLE 4 = FOUR-WAY K = KEY OPERATED L = LOCK P = WITH PILOT LIGHT RC= REMOTE CONTROL WP= WEATHER PROOF Mo= OCCUPANCY SENSOR
	HP = HORSEPOWER RATED SWITCH WITH THERMAL OVERLOADS SIZED AS REQUIRED BY EQUIPMENT LABEL RATING.
	CEILING OCCUPANCY SENSOR
	LIGHT FIXTURE; LETTER INDICATES TYPE.
	LIGHT FIXTURE, WALL MOUNTED; LETTER INDICATES TYPE.
	LIGHT FIXTURE, LAY-IN/RECESSED FLUORESCENT, 2'x4' [610x1220mm]; LETTER INDICATES TYPE.
	LIGHT FIXTURE, LAY-IN/RECESSED FLUORESCENT, 2'x2' [610x610mm]; LETTER INDICATES TYPE.
	LIGHT FIXTURE, LAY-IN/RECESSED FLUORESCENT, 1'x4' [305x1220mm]; LETTER INDICATES TYPE.
	LIGHT FIXTURE, SURFACE/CHAIN/STEM MOUNTED FLUORESCENT, 2'x4' [610x1220mm]; LETTER INDICATES TYPE.
	LIGHT FIXTURE, SURFACE/CHAIN/STEM MOUNTED FLUORESCENT, 2'x2' [610x610mm]; LETTER INDICATES TYPE.
	LIGHT FIXTURE, SURFACE/CHAIN/STEM MOUNTED FLUORESCENT, 1'x4' [305x1220mm]; STRIP/INDUSTRIAL; LETTER INDICATES TYPE.
	LIGHT FIXTURE, WALL MOUNTED FLUORESCENT WRAPAROUND/STRIP/INDUSTRIAL; LETTER INDICATES TYPE.
	SPECIALTY LIGHT FIXTURE; LETTER INDICATES TYPE.
	EMERGENCY LIGHT FIXTURE WITH GENERATOR BACKUP; LETTER INDICATES TYPE. GENERATOR BACKUP CONNECTED TO LOCAL SWITCHED LIGHTING CIRCUIT.
	EMERGENCY LIGHT FIXTURE WITH GENERATOR BACKUP; LETTER INDICATES TYPE. GENERATOR BACKUP CONNECTED TO LOCAL SWITCHED LIGHTING CIRCUIT.
	EMERGENCY SPECIALTY LIGHT FIXTURE WITH GENERATOR BACKUP; LETTER INDICATES TYPE. GENERATOR BACKUP CONNECTED TO LOCAL SWITCHED LIGHTING CIRCUIT.
	WALL MOUNT EMERGENCY EXIT SIGN WITH GENERATOR BACK-UP; SHADED QUARTER OF SYMBOL INDICATES LIGHTED 'EXIT' ON THAT FACE. ARROWS INDICATE LIGHTED DIRECTIONAL ARROW ON THAT FACE. CONNECT TO LOCAL UNSWITCHED LIGHTING CIRCUIT.
	CEILING MOUNT EMERGENCY EXIT SIGN WITH GENERATOR BACK-UP; SHADED QUARTER OF SYMBOL INDICATES LIGHTED 'EXIT' ON THAT FACE. ARROWS INDICATE LIGHTED DIRECTIONAL ARROW ON THAT FACE. CONNECT TO LOCAL UNSWITCHED LIGHTING CIRCUIT.

REFERENCES

	MECHANICAL EQUIPMENT REFERENCE
	KEYED NOTE
	BREAK SYMBOL
	REVISION DELTA

GENERAL NOTES

- A. ALL CONTRACT DOCUMENTS ARE PART OF THE ELECTRICAL WORK INSOFAR AS THEY APPLY, AS IF REFERRED TO IN FULL. SEE CONTRACT DOCUMENTS OF ALL OTHER DISCIPLINES FOR WORK TO BE PERFORMED BY THE ELECTRICAL CONTRACTOR.
- B. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE LOCALLY ADOPTED ELECTRICAL CODE, ALL LOCAL CODES, AND TO THE FULL ACCEPTANCE OF THE AUTHORITY HAVING JURISDICTION.
- C. DESIGN IS BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS TO DETERMINE STATUS OF ACTUAL CONDITIONS AS THEY RELATE TO THE SCOPE OF WORK AS SHOWN ON THESE PLANS.
- D. DO NOT SCALE ELECTRICAL DRAWINGS. DRAWINGS ARE MADE ON A SMALL SCALE, DEVICES AND EQUIPMENT ARE SHOWN IN THEIR APPROXIMATE LOCATION, UNLESS SPECIFICALLY DIMENSIONED. VERIFY ALL DIMENSIONS ON THE PROJECT. REFER TO CONTRACT DOCUMENTS OF ALL OTHER DISCIPLINES FOR DIMENSIONS.
- E. MATERIALS, DIMENSIONS, WALL THICKNESS, ROUGH OPENINGS, PATTERNS, AND THE LIKE SHALL BE FIELD VERIFIED BY THE CONTRACTOR. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO COMMENCING WITH THE WORK.
- F. PRIOR TO ROUGH-IN OF ANY ELECTRICAL EQUIPMENT THE CONTRACTOR SHALL COORDINATE WITH ALL CONSTRUCTION DOCUMENTS AND ALL OTHER TRADES TO PREVENT ANY INTERFERENCES. PREPARE COORDINATION DRAWINGS AS REQUIRED IN CONJUNCTION WITH OTHER TRADES TO PREVENT INTERFERENCES. ANY MODIFICATIONS TO WORK INSTALLED DUE TO LACK OF COORDINATION SHALL BE FULLY BORNE BY THE CONTRACTOR.
- G. CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF AS-BUILT DRAWINGS. AS-BUILT SET OF DRAWINGS SHALL BE UPDATED DAILY AND SHALL DOCUMENT THE ACTUAL INSTALLED CONDITION OF THE ENTIRE ELECTRICAL INSTALLATION. AS-BUILT SET OF DRAWINGS SHALL BE AVAILABLE AT ALL TIMES ON THE SITE FOR INSPECTION BY CODE OFFICIALS, OWNER, ARCHITECT, AND ENGINEER.
- H. OBTAIN ALL PERMITS, COORDINATE, FURNISH, INSTALL, CONNECT AND TEST ALL ELECTRICAL EQUIPMENT REQUIRED FOR ALL THE SYSTEMS INSTALLED UNDER THIS CONTRACT TO INSURE COMPLETE AND FULLY OPERATIONAL SYSTEMS.
- I. INSTALL ALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.
- J. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.
- K. LIGHTING FIXTURES WITH MORE THAN TWO LAMPS SHALL HAVE TWO OUTER LAMPS CONTROLLED WITH ONE SWITCH AND INNER LAMP(S) CONTROLLED BY A SECOND SWITCH.
- L. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH SINGLE POLE BRANCH CIRCUIT SHALL HAVE AN INDEPENDANT NEUTRAL. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
- M. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.
- N. ELECTRICAL PANELS ARE EXISTING AND SHALL BE UTILIZED TO FEED ALL CIRCUITS EXISTING AND NEW. NEW BREAKERS TO BE FURNISHED AND INSTALLED SHALL BE BY THE SAME MANUFACTURER AS THE PANELBOARD IN WHICH IT IS TO BE INSTALLED.
- O. ALL ELECTRICAL WORK SHALL BE COMPLETED WITH ALL PROXIMATE ELECTRICAL CIRCUITS DE-ENERGIZED (I.E. A NEW BREAKER OR CIRCUIT CANNOT BE ADDED TO A PANEL UNLESS THE PANEL IS COMPLETELY DE-ENERGIZED), OR THE CONTRACTOR MUST COMPLY WITH NFPA 70E FOR WORK ON ENERGIZED SERVICE. THE VA WILL DETERMINE IF THE ELECTRICAL SERVICE CAN BE SHUTDOWN OR IF IT WILL HAVE TO BE WORKED HOT DEPENDING ON THE CRITICALITY OF THE AREA BEING AFFECTED. IF THE WORK MUST BE DONE WITH THE SERVICE LIVE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED PROTECTIVE TOOLS, EQUIPMENT, AND CLOTHING, AND MUST FOLLOW THE JOB SPECIFIC WORK PLAN PREPARED BY THE VA. WORK THAT REQUIRES SHUTTING DOWN ELECTRICAL SERVICE MAY HAVE TO BE ACCOMPLISHED DURING OTHER THAN NORMAL DUTY HOURS.
- P. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL CONDUITS FOR MECHANICAL SYSTEM CONTROLS. COORDINATE EXACT REQUIREMENTS WITH THE CONTROL CONTRACTOR.

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DRAWING TITLE
ELECTRICAL LEGEND
AND
SYMBOLS

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
BOISE VAMC
BUILDING 67 EXPANSION

BUILDING NUMBER
67

CHECKED
AKD

DRAWN
DJP

LOCATION
VAMC BOISE, IDAHO

DATE
07/12/2013

PROJECT NO.
531-320

DRAWING NO.
E0.1

DWG 126 OF 191

LOW VOLTAGE SCHEDULE					
LOAD DESIGNATION	LAMPS CONTROLLED	SWITCH DESIGNATION	BUTTON FUNCTION	PATIENT CONTROL	PHYSICIAN / NURSE
LOAD A	AMBIENT	a	BUTTON 1 SEQ.	SLEEP PILLOW CONTROL	WALL CONTROL
LOAD B	READING	b	BUTTON 1 SEQ.	SLEEP PILLOW CONTROL	WALL CONTROL
LOAD C	NIGHTLIGHT	c	BUTTON 2 ON/OFF	SLEEP PILLOW CONTROL	NA

CONTRACTOR MAY PROVIDE SWITCHES AND LOW VOLTAGE CONTROLLER EQUAL TO THOSE SPECIFIED, IN APPEARANCE, SIZE, QUALITY AND PERFORMANCE.
COORDINATE LOW VOLTAGE CONTROLLER WITH MANUFACTURER FOR CONTROL INDICATED.



SCALE: NONE

OCCUPANCY CONTROL				
SENSOR	DESCRIPTION	TIME DELAY	POWER	MANUFACTURER
WALL SWITCH	DUAL TECHNOLOGY, LINE VOLTAGE	10 MINUTES	NO MINIMUM LOAD 120/277VAC	SENSOR SWITCH WSO-PDT 120-277VAC I
CEILING	DUAL TECHNOLOGY, LINE VOLTAGE	10 MINUTES	NO MINIMUM LOAD 120/277VAC	SENSOR SWITCH CWR-PDT-2P 120-277VAC I
CONTRACTOR MAY PROVIDE SENSORS EQUAL TO THOSE SPECIFIED. SUBSTITUTED SENSORS MUST MATCH SPECIFIED SENSOR IN APPEARANCE, SIZE, QUALITY AND PERFORMANCE. FURNISH AND INSTALL SENSORS PER MANUFACTURERS' RECOMMENDATIONS AND PROVIDE WIRING TO CONTROL RELAYS REQUIRED FOR STEP DIMMING (BI-LEVEL) SWITCHING.				

SCALE: NONE

		MOUNTING			LAMP	FIXTURE	REMARKS		
TYPE	MANUFACTURER	CATALOG NUMBER	LOCATION	TYPE	HEIGHT	TYPE	NO.	VOLTAGE	
1A	COLUMBIA	ST8 24 3 32 G FA A12.125 U 3E	CEILING	LAY-IN		F32T8/4000K	3	120	2 X 4 W/ ACRYLIC LENS
2A	COLUMBIA	AWN 4 2 32 E U S18	CEILING	STEM		F32T8/4000K	2	120	8 5/16 IN. X 4 W/ ACRYLIC LENS
1D	KENALL	MPCADE22 G 2 4 F17T8 RS 120 AC AMF GEN LRL – GRID MOUNTING	CEILING	LAY-IN		F17T8/4000K	4	120	2 X 2 ANTIMICROBIAL
2D	KENALL	MPCADE22 F 2 4 F17T8 RS 120 AC AMF GEN LRL – FLANGE MOUNTING	CEILING	RECESSED		F17T8/4000K	4	120	2 X 2 ANTIMICROBIAL
3D	COLUMBIA	TRA 24 3 32 G CLO (BALLASTS FOR BI-LEVEL CONTROL 1-LAMP, 2-LAMPS) U DG	CEILING	LAY-IN		F32T8/4000K	3	120	2 X 4 ARCHITECTURAL LENSED
4D	COLUMBIA	TRA 24 2 32 G CLO ESD104 (STEP DIMMING) U DG (UNLESS OTHERWISE NOTED ON PLANS)	CEILING	LAY-IN		F32T8/4000K	2	120	2 X 4 ARCHITECTURAL LENSED
5D	COLUMBIA	STE 24 3 32 G MPO (BALLASTS FOR BI-LEVEL CONTROL 1-LAMP, 2-LAMPS) U DG	CEILING	LAY-IN		F32T8/4000K	3	120	2 X 4 DIRECT/INDIRECT
6D	COLUMBIA	STE 22 3 17 G MPO (BALLASTS FOR BI-LEVEL CONTROL 1-LAMP, 2-LAMPS) U DG	CEILING	LAY-IN		F17T8/4000K	3	120	2 X 4 DIRECT/INDIRECT
7D	SKY FACTORY	THE SKY FACTORY NO. CST05053_01 (CUSTOM FIT AS SHOWN ON DRAWING)	CEILING	LAY-IN		LED/6000K		120	LUMINOUS SKY CEILING
8D	FOCAL POINT	FSD 22 D 2 T8 S 120 U CR	CEILING	LAY-IN		F17T8/4000K	2	120	2-FT DIAM. DIRECT
9D	FOCAL POINT	FSD 33 D 4 T8 D 120 U CR DIMMING	CEILING	LAY-IN		F24T8/4000K	4	120	3-FT DIAM. DIRECT
10D	FOCAL POINT	FSD 44 D 6 T8 S 120 U CR	CEILING	LAY-IN		F32T8/4000K	6	120	4-FT DIAM. DIRECT
11D	FOCAL POINT	FSD 44 D 6 T8 D 120 U CR DIMMING	CEILING	LAY-IN		F32T8/4000K	6	120	4-FT DIAM. DIRECT
12D	FOCAL POINT	FSD 55 D 8 T8 S 120 U CR	CEILING	LAY-IN		F32T8/4000K	6	120	5-FT DIAM. DIRECT
13D	WINONA	WINLINE WSL 208 6 100 40K DM24V F NAA SA STD WITH DIMMABLE LOW VOLTAGE TRANSFORMER # TQD150-120	WALL	LAY-IN		LED/4000K	1	120	SURFACE LINEAR
1E	COLUMBIA	KL 4 2 32 SLR EP U KHC KLGW4	CEILING	CHAIN HUNG		F32T8/4000K	2	120	4' – 2 LAMP STRIP FIXTURE
1F	KENALL	MAUCLED 1 MW 27L40K 120	UNDR. CAB.	SURFACE		LED 27L40K	1	120	3' UNDERCABINET FIXTURE
2F	KENALL	MAUCLED 1 MW 36L40K 120	UNDR. CAB.	SURFACE		LED 36L40K	1	120	4' UNDERCABINET FIXTURE
1H	KENALL	M2RDL6L 26L40K 120 DCC ALG ALG 8	CEILING	RECESSED		LED 26W/4000K	1	120	6 IN. DOWNLIGHT – LED
2H	KENALL	HADLEVL2 30L40K DV DCFW 9 9500. PROVIDE COMPATIBLE 0–10V DIMMER.	CEILING	RECESSED		LED 30W/4000K	1	120	6 IN. DOWNLIGHT – LED
3H	KENALL	MSLR–H F 0 MW T WLL 120 2 WL	CEILING	RECESSED		LED _5W/4100K	1	120	NIGHT LIGHT
4H	VISA	CM 1542 1TF32 BCA	CEILING	RECESSED		F32TRT/4000K	1	120	7 IN. DOWNLIGHT
1L	KENALL	MSLR–H F 0 MW T WLL 120 2 WL	WALL/CEILING	RECESSED		LED _5W/4100K	1	120	NIGHT LIGHT
2L	KENALL	MLHASV 48 R MW PP 50L40K 1DV 9500	WALL	SURFACE		(1) F32T8	1	120	WALL SCONCE
3L	SISTEMALUX	SOLO 5694–2FL13–120	WALL	SURFACE		(2)CFL13	2	120	12" DIA. WALL SCONCE
4L	TERON	TN126Q 120E WH 41K	WALL	SURFACE		(1)CF26QE	2	120	12" DIA. WALL SCONCE
1X	LITHONIA	LE S 1 R 120/277	CEILING	SURFACE		LED		120	DIRECTIONAL ARROWS
2X	LITHONIA	LE S 2 R 120/277	CEILING	SURFACE		LED		120	DIRECTIONAL ARROWS
3X	CRESCENT	REXLED R	WALL	RECESSED		LED		120	DIRECTIONAL ARROWS

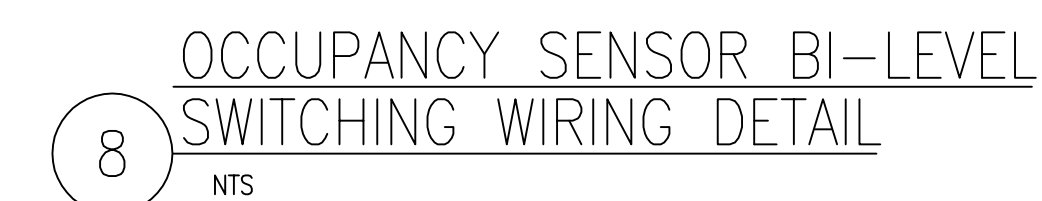
LIGHTING FIXTURE SCHEDULE NOTES

GENERAL NOTES:

- A. MOUNTING HEIGHTS LISTED ON PLANS ARE TO BOTTOM OF FIXTURE, UNLESS OTHERWISE NOTED. FIXTURES STEM, CABLE AND CORD LENGTHS MAY NOT BE STANDARD AND MUST BE COORDINATED WITH LIGHT FIXTURE MANUFACTURER PRIOR TO ORDERING. COORDINATE WITH LIGHTING DRAWINGS AND ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS.
- B. CONTRACTOR SHALL FURNISH (2) TWO ADDITIONAL EX1 AND EX2 TYPE EXIT SIGNS ABOVE AND BEYOND THOSE INDICATED ON THE PLANS TO ALLOW FOR REVISIONS DURING CONSTRUCTION. CONTRACTOR SHALL INCLUDE LABOR FOR INSTALLATION FOR THESE SIGNS. IF THESE SIGNS ARE NOT SHOWN ON THE PLANS, THE CONTRACTOR SHALL COORDINATE WITH THE CONSTRUCTION MANAGER FOR STORAGE OF FIXTURES BY THE OWNER.
- C. ALL EXIT SIGNS SHALL BE CIRCUITED TO EMERGENCY GENERATOR BACKED PANEL AND WIRED FOR CONTINUOUS OPERATION.
- D. CONTRACTOR SHALL FURNISH AND INSTALL ALL MOUNTING ACCESSORIES AND HARDWARE FOR LIGHT FIXTURES FOR AN ATTRACTIVE, CLEAN LOOKING INSTALLATION.
- E. FURNISH AND INSTALL CONTROLS AS REQUIRED FOR ALL NEW INTERIOR AND EXTERIOR BUILDING LIGHT FIXTURES AS INDICATED ON DRAWINGS. WALLPLATES FOR ALL SWITCHES, DIMMER SWITCHES, WALL OCCUPANCY SENSORS SHALL BE STAINLESS STEEL WITH VIOLET COLOR SWITCHES, UNLESS OTHERWISE NOTED.


SCALE: NONE

		<div>CSHQ</div> <div>IDAHO</div>		<div>C.W. MOORE PLAZA 250 S. 5TH ST. BOISE, ID 83702 (208) 343-4635 FAX (208) 343-1858 http://www.cshqa.com</div>	<div>AMY K. DOCKTER, P.E. C.W. MOORE PLAZA 201 S. 5TH ST BOISE, IDAHO PHONE: 208-343-4635 FAX: 208-343-1858</div> <div>THESE DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE HEREBY ASSIGNED TO THE PROPERTY OF THE ARCHITECT. ENGINEER WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THESE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY ANY PERSON OR ENTITY ON OTHER PROJECTS, OR ADDITIONS TO THE PROJECT, OR COMPLETION OF THIS PROJECT (WHEN PHASED) WITHOUT THE WRITTEN CONSENT OF CSHQA OR ITS AFFILIATES. Copyright © 2013</div>	<div>STAMP</div> <div></div>	<div>CAD FILE NAME: 531-320_E0.2.DWG</div> <div>XREF FILE NAME: 531-320_30X42TLBK.DWG</div>	<div>DRAWING TITLE</div> <div>LIGHTING FIXTURE SCHEDULE</div>	<div>PROJECT TITLE</div> <div>BOISE VAMC BUILDING 67 EXPANSION</div>	<div>DATE</div> <div>07/12/2013</div>	<div></div> <div>DEPARTMENT OF VETERANS AFFAIRS</div>		
REVISIONS	DATE						<div>APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE</div> <div>APPROVED: MEDICAL CENTER DIRECTOR</div>	<div>BUILDING NUMBER</div> <div>67</div>	<div>CHECKED</div> <div>AKD</div>	<div>DRAWN</div> <div>CRP</div>		<div>PROJECT NO.</div> <div>531-320</div>	<div>DRAWING NO.</div> <div>E0.2</div>



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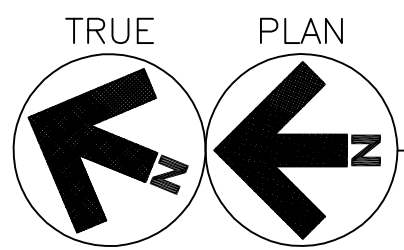
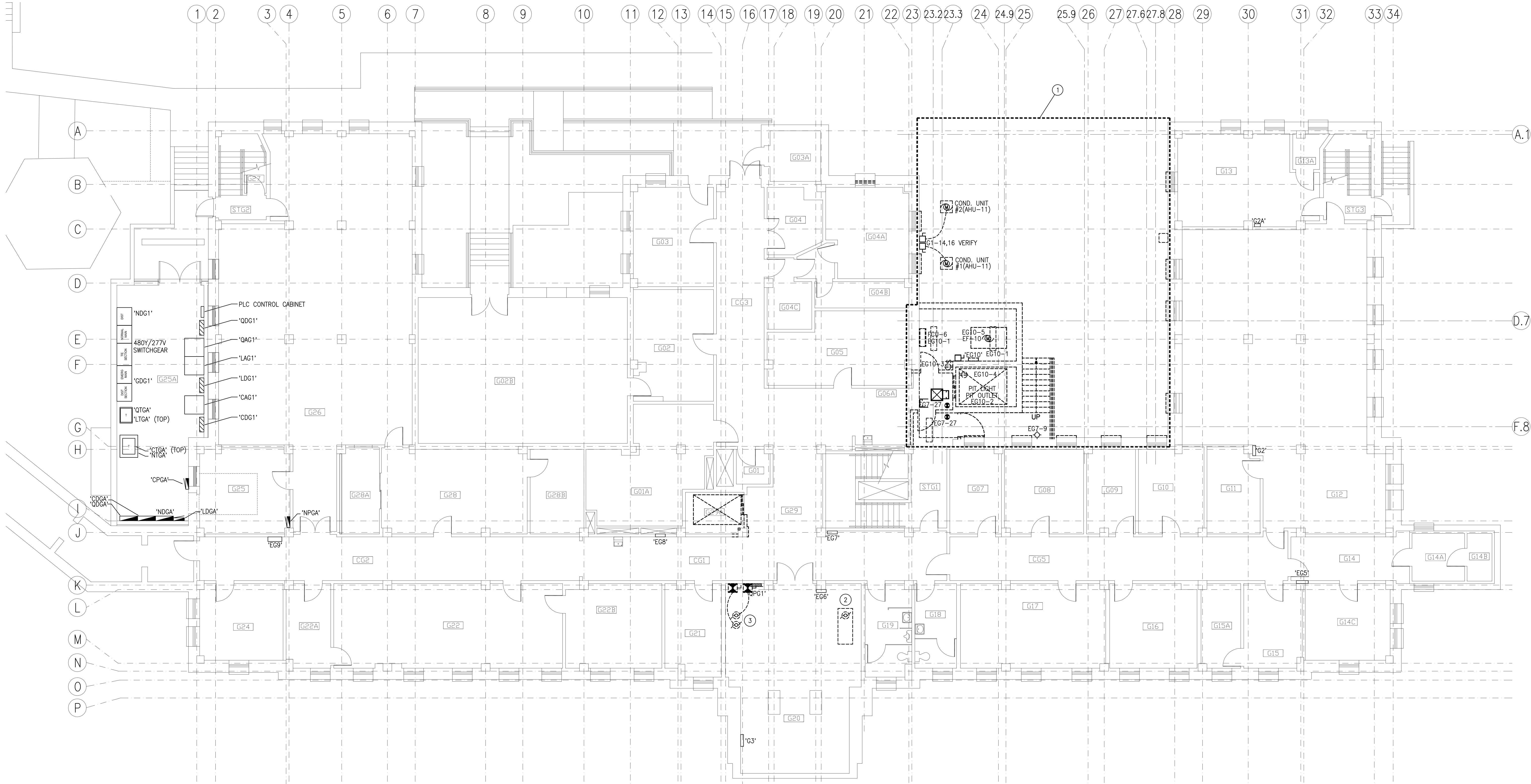
A circular professional engineer seal for the State of Idaho. The outer ring contains the text "PROFESSIONAL ENGINEER" at the top and "STATE OF IDAHO" at the bottom. In the center, the license number "9201" is printed, with the date "7-12-13" written below it. A signature, "Amy K. Dockter", is written across the seal in blue ink.

DRAWING TITLE
LIGHTING CONTROLS
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

DATE	07/12/2013
PROJECT NO.	531-320
DRAWING NO.	E0.3
DWG	128 OF 191



ONE EIGHTH INCH = ONE FOOT
ONE QUARTER INCH = ONE FOOT
THREE EIGHTHS INCH = ONE FOOT
ONE HALF INCH = ONE FOOT
THREE QUARTERS INCH = ONE FOOT
ONE INCH = ONE FOOT
ONE AND ONE HALF INCHES = ONE FOOT
THREE INCHES = ONE FOOT



1 GROUND FLOOR ELECTRICAL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- ALL DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF ELECTRICAL WITH ALL TRADES PRIOR TO START OF DEMOLITION.
- PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- ALL CIRCUITS AND RELATED DEVICES THAT ARE TO REMAIN ARE TO STAY "ENERGIZED" IN THE DEMOLITION AND NEW CONSTRUCTION PHASES UNTIL THE COMPLETION OF THE WORK INDICATED ON THESE PLANS.
- THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK.
- CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES. REUSE EXISTING CONDUITS AND JUNCTION BOXES AS IS PRACTICAL.
- CONTRACTORS OPTION TO REUSE EXISTING JUNCTION BOX IN CORRECT LOCATION AT RECEPTACLES AND DEVICES IN WALLS NOT BEING REMOVED. EXISTING CONDUCTORS, DEVICES, AND COVERPLATES SHALL BE REPLACED WITH NEW.
- WHERE ELECTRICAL DEMOLITION IS DESIGNATED, ALL EXISTING CONDUCTORS SHALL BE REMOVED.
- THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.

SHEET NOTES:

- REMOVE ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE INCLUDING ELECTRICAL EQUIPMENT; ROUTED BELOW GRADE, MOUNTED ON THE SURFACE OF BUILDING, LOCATED IN PARTS OF BUILDING TO BE DEMOLISHED, AND ASSOCIATED WITH THE ELEVATOR TO BE REMOVED.
- COMPRESSOR TO BE REMOVED BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL BACK TO SOURCE.
- PUMPS HWHS-1 AND HWHS-2 ARE TO BE REMOVED BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL BACK TO SOURCE.

REVISIONS	DATE

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531-320_67GRID.DWG
531-320_Gnd Panels.DWG

DRAWING TITLE
GROUND FLOOR
ELECTRICAL
DEMOLITION PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
BOISE VAMC
BUILDING 67 EXPANSION

BUILDING NUMBER
67

CHECKED
AKD

DRAWN
DJP

LOCATION
VAMC BOISE, IDAHO

DATE
07/12/2013

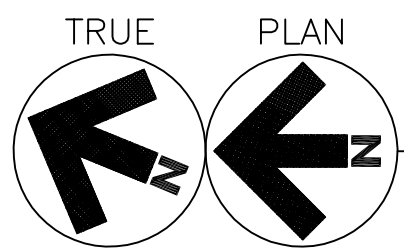
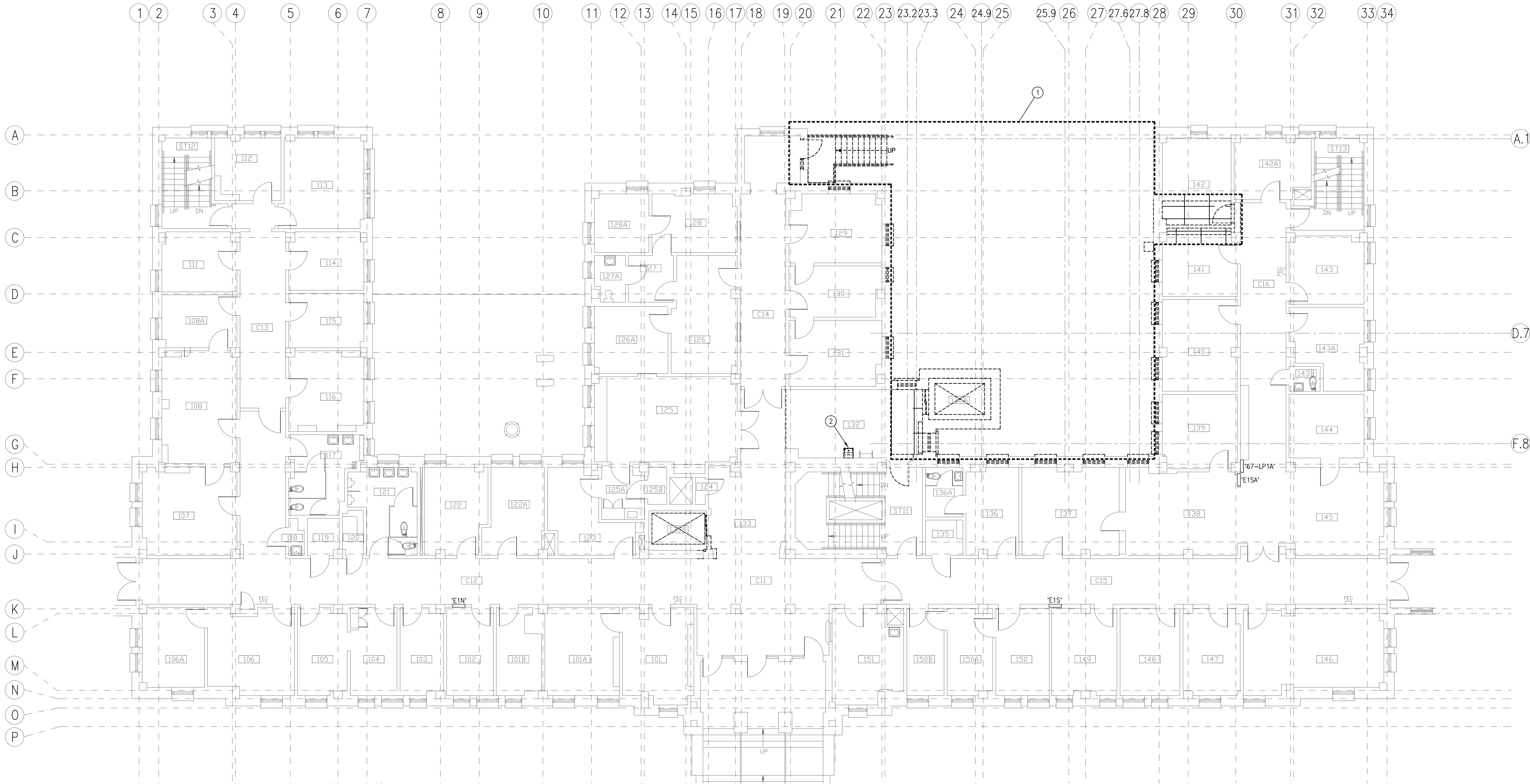
PROJECT NO.
531-320

DRAWING NO.
E1.0

DWG 129 OF 191



ONE EIGHTH INCH = ONE FOOT
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ONE INCH = ONE FOOT
ONE AND ONE HALF INCHES = ONE FOOT
THREE INCHES = ONE FOOT



1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- ALL DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF ELECTRICAL WITH ALL TRADES PRIOR TO START OF DEMOLITION.
- PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- ALL CIRCUITS AND RELATED DEVICES THAT ARE TO REMAIN ARE TO STAY "ENERGIZED" IN THE DEMOLITION AND NEW CONSTRUCTION PHASES UNTIL THE COMPLETION OF THE WORK INDICATED ON THESE PLANS.
- THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK.
- CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES. REUSE EXISTING CONDUITS AND JUNCTION BOXES AS IS PRACTICAL.
- CONTRACTORS OPTION TO REUSE EXISTING JUNCTION BOX IN CORRECT LOCATION AT RECEPTACLES AND DEVICES IN WALLS NOT BEING REMOVED. EXISTING CONDUCTORS, DEVICES, AND COVERPLATES SHALL BE REPLACED WITH NEW.
- WHERE ELECTRICAL DEMOLITION IS DESIGNATED, ALL EXISTING CONDUCTORS SHALL BE REMOVED.
- THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.

SHEET NOTES:

- REMOVE ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE INCLUDING ELECTRICAL EQUIPMENT; ROUTED BELOW GRADE, MOUNTED ON THE SURFACE OF BUILDING, LOCATED IN PARTS OF BUILDING TO BE DEMOLISHED, AND ASSOCIATED WITH THE ELEVATOR TO BE REMOVED.
- ELECTRIC WATER COOLER TO BE REPLACED BY OTHERS. DISCONNECT ELECTRICAL FOR UNIT REMOVAL. EXISTING CIRCUIT TO REMAIN FOR REUSE.

REVISIONS	DATE

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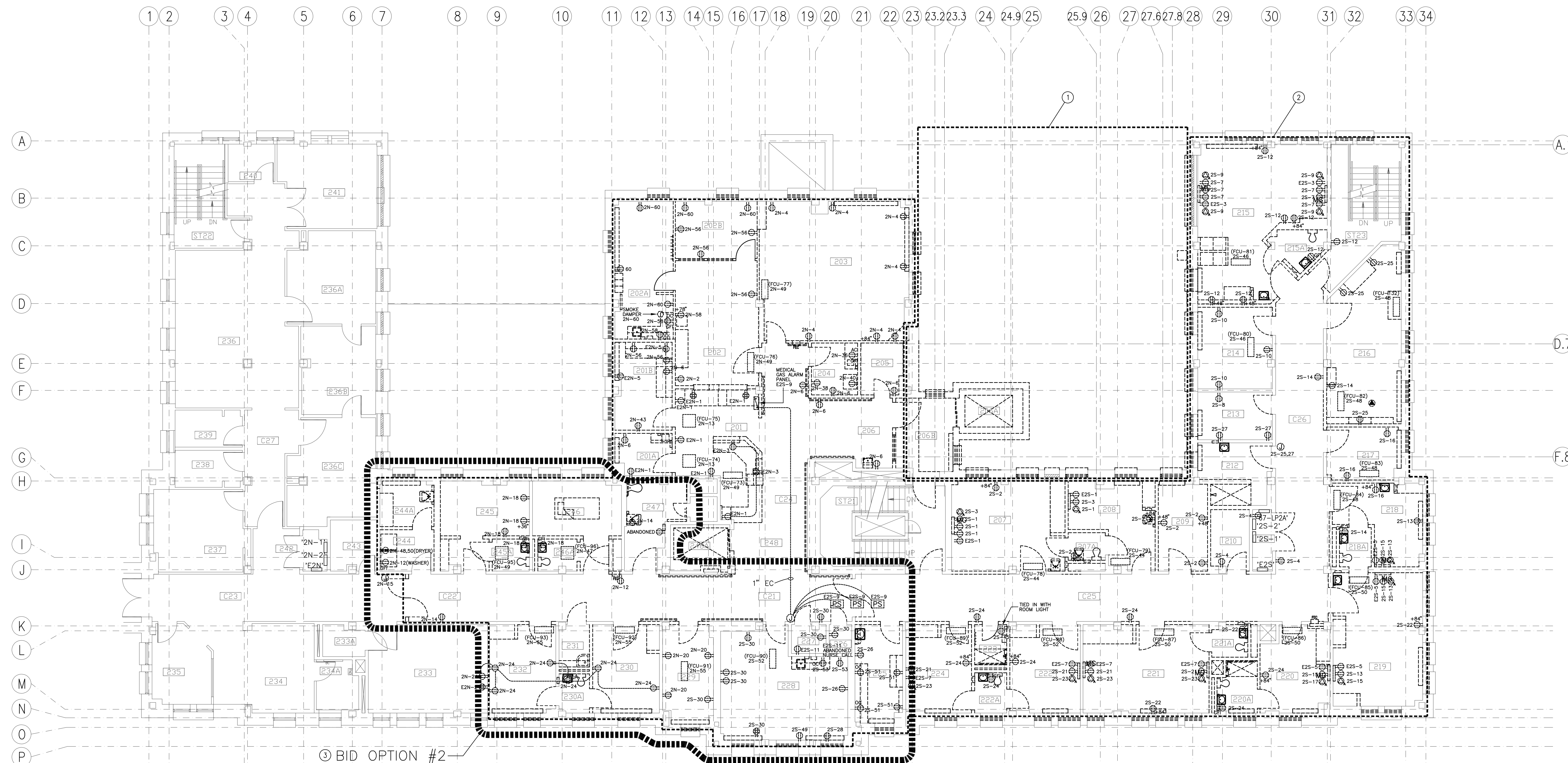
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DRAWING TITLE
**FIRST FLOOR
ELECTRICAL
DEMOLITION PLAN**
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
**BOISE VAMC
BUILDING 67 EXPANSION**
BUILDING NUMBER
67
CHECKED
AKD
DRAWN
DJP
LOCATION
VAMC BOISE, IDAHO

DATE
07/12/2013
PROJECT NO.
531-320
DRAWING NO.
E1.1
DWG 130 OF 191





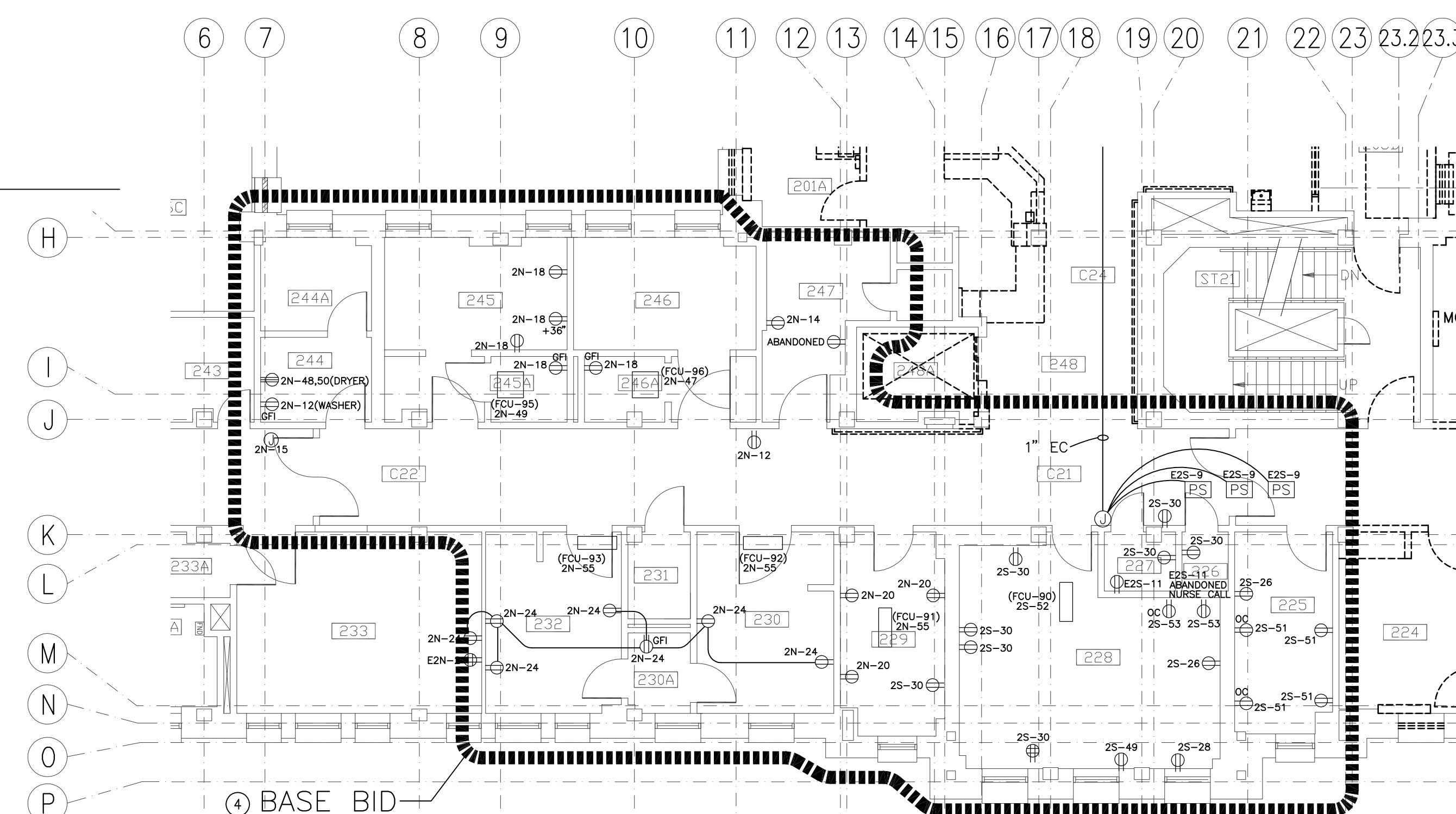
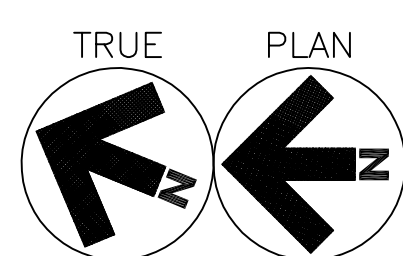
GENERAL NOTES:

- A. ALL DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF ELECTRICAL WITH ALL TRADES PRIOR TO START OF DEMOLITION.
- B. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- C. ALL CIRCUITS AND RELATED DEVICES THAT ARE TO REMAIN ARE TO STAY "ENERGIZED" IN THE DEMOLITION AND NEW CONSTRUCTION PHASES UNTIL THE OWNER, MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- D. THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK.
- E. CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES. REUSE EXISTING DEVICES AND JUNCTION BOXES AT CONTRACTOR'S OPTION.
- F. CONTRACTORS OPTION TO REUSE EXISTING JUNCTION BOX IN CORRECT LOCATION AT RECEPTACLES AND DEVICES IN WALLS NOT BEING REMOVED. EXISTING CONDUITS, DEVICES, AND COVERPLATES SHALL BE REPLACED WITH NEW
- G. WHERE ELECTRICAL DEMOLITION IS DESIGNATED, ALL EXISTING CONDUITS SHALL BE REMOVED.
- H. THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.

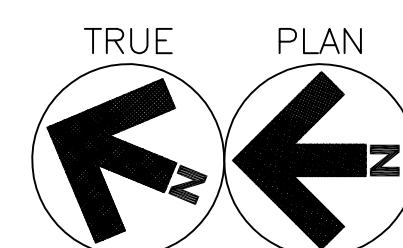
⑧ SHEET NOTES:



1. REMOVE ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE INCLUDING ELECTRICAL EQUIPMENT; ROUTED BELOW GRADE, MOUNTED ON THE SURFACE OF BUILDING, LOCATED IN PARTS OF BUILDING TO BE DEMOLISHED, AND DISCONNECTED; THE FLUENTS TO BE REMOVED. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLAN.
2. ELECTRICAL PANELS WITHIN THIS AREA ARE TO REMAIN OPERATIONAL FOR RECONNECTION OF EXISTING AND CONNECTION OF NEW WORK. REMOVE ALL ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE EXCEPT ELECTRICAL PANELS AND DISCONNECT FEEDERS. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLAN.
3. BID OPTION #2. REMOVE ELECTRICAL IN THIS AREA AS DENOTED IN SHEET NOTE 2.
4. BASE BID. ELECTRICAL IN THIS AREA IS TO REMAIN. RECONNECT ANY CIRCUITS EFFECT BY ADJACENT DEMOLITION WORK.

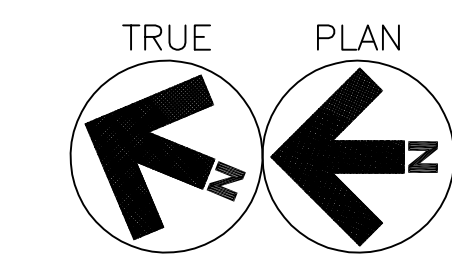
SECOND FLOOR POWER DEMOLITION
1 PLAN-BASE BID & BID OPTION 2



SECOND FLOOR POWER DEMOLITION
PLAN-BASE BID



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		<div>C.W. MOORE PLAZA 250 S. 5TH ST. BOISE, ID 83702 (208) 343-4635 FAX (208) 343-1858 http://www.cshqa.com</div>		<div>THESE DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT / ENGINEER. WHATEVER THE PROJECTOR OR WHATEVER THE CONTRACTOR OR SUB CONTRACTOR USES THESE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY ANY PERSON OR ENTITY ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT, OR COMPLETION OF THIS PROJECT, IN ANY PHASES WITHOUT THE WRITTEN CONSENT OF CSHQA OR ITS AFFILIATES. Copyright © 2013</div>						<div>APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE</div>		<div>BUILDING NUMBER 67</div>		<div>CHECKED AKD</div>		<div>DRAWN DJP</div>		<div>DRAWING NO. 531-320</div>	
<div>REVISIONS</div>		<div>DATE</div>								<div>APPROVED: MEDICAL CENTER DIRECTOR</div>		<div>LOCATION VAMC BOISE, IDAHO</div>		<div>DWG 131 OF 191</div>		<div>E 1.2</div>		<div>DEPARTMENT OF VETERANS AFFAIRS</div>	



SCALE: $1/8" = 1'-0"$

1. REMOVE ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE INCLUDING ELECTRICAL EQUIPMENT; ROUTED ABOVE GRADE, MOUNTED ON THE SURFACE OF BUILDING, LOCATED IN PARTS OF BUILDING TO BE DEMOLISHED, AND ASSOCIATED WITH THE FINISH AREA TO BE REMOVED. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLAN.
2. ELECTRICAL PANELS WITHIN THIS AREA ARE TO REMAIN OPERATIONAL FOR RECONNECTION OF EXISTING AND CONNECTION OF NEW WORK. REMOVE ALL ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE EXCEPT ELECTRICAL PANELS AND ASSOCIATED FEEDERS. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLAN.
3. BID OPTION #3. REMOVE ELECTRICAL IN THIS AREA AS DENOTED IN SHEET NOTE 2.

CSHOA

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XREF FILE NAME:
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531-320_67a3.dwg
531-320_67GRID.DWG
531-320_3rd Panels.DWG

DRAWING TITLE

THIRD FLOOR
POWER
DEMOLITION PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

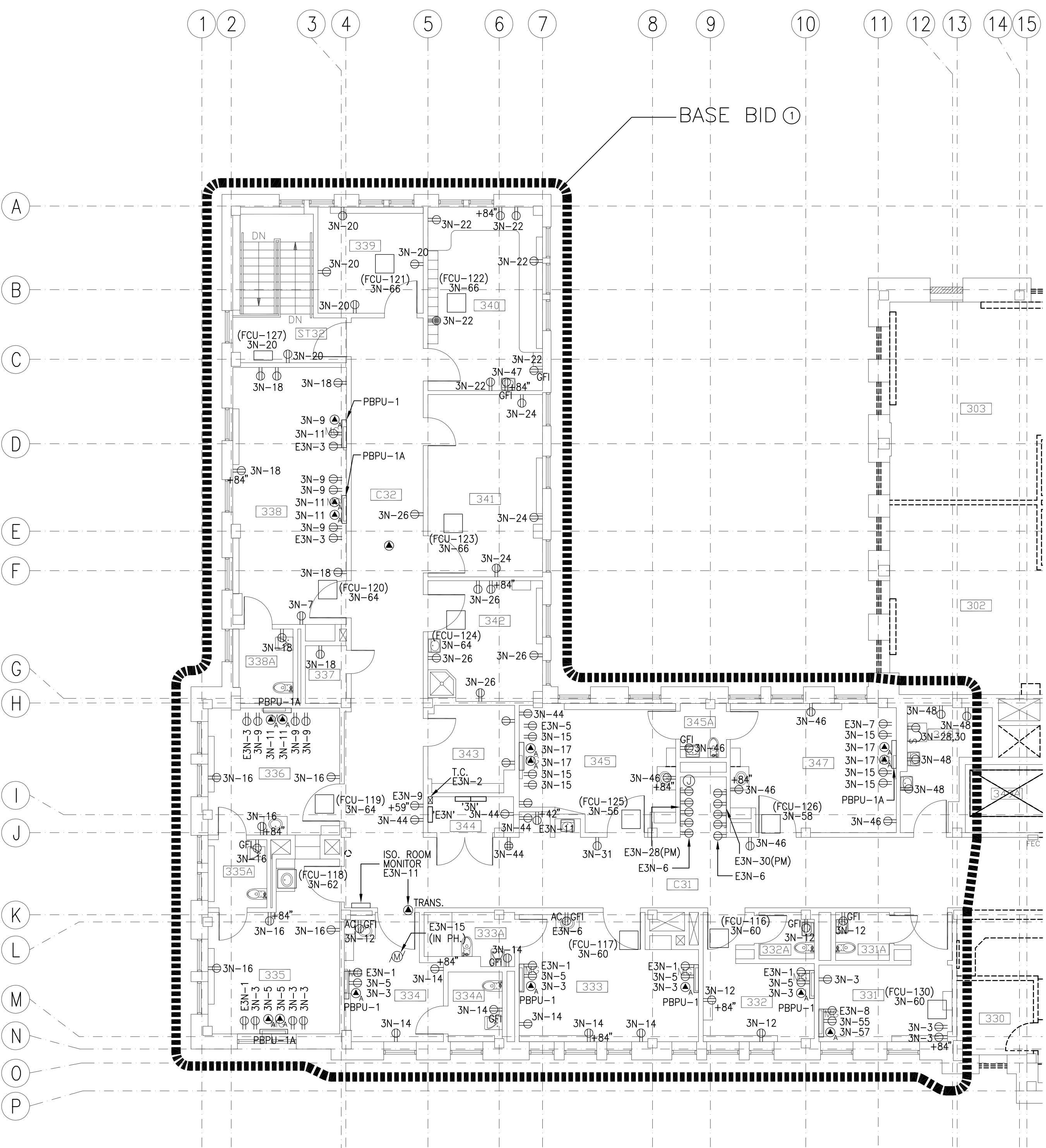
APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE BOISE VAMC BUILDING 67 EXPANSION		
BUILDING NUMBER 67	CHECKED AKD	DRAWN DJP
LOCATION VAMC BOISE, IDAHO		

DATE	07/12/2013
PROJECT NO.	531-320
DRAWING NO.	E1.3
DWG	132 OF 191



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ONE QUARTER INCH = ONE FOOT
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THREE EIGHTHS INCH = ONE FOOT
ONE HALF INCH = ONE FOOT
THREE EIGHTHS INCH = ONE FOOT
ONE QUARTER INCH = ONE FOOT
ONE EIGHTH INCH = ONE FOOT



TRUE PLAN
1 THIRD FLOOR POWER DEMOLITION PLAN—BASE BID
SCALE: 1/8" = 1'-0"
RE: E1.3 FOR ADDITIONAL BASE BID WORK.

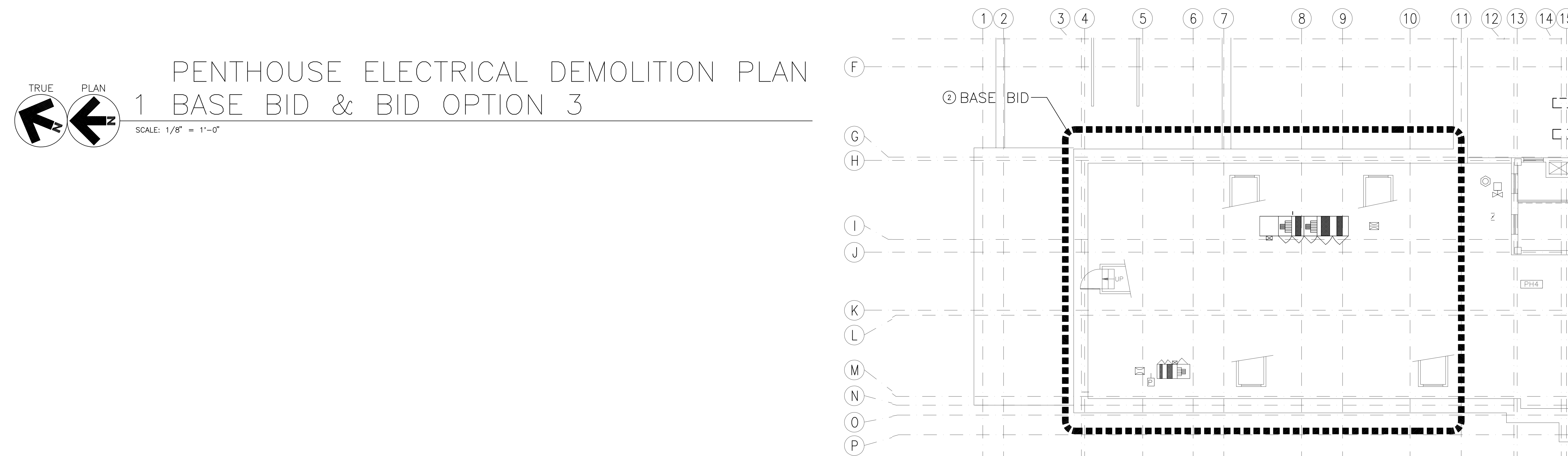
GENERAL NOTES:

- A. ALL DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF ELECTRICAL WITH ALL TRADES PRIOR TO START OF DEMOLITION.
- B. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- C. ALL CIRCUITS AND RELATED DEVICES THAT ARE TO REMAIN ARE TO STAY "ENERGIZED" IN THE DEMOLITION AND NEW CONSTRUCTION PHASES UNTIL THE COMPLETION OF THE WORK INDICATED ON THESE PLANS.
- D. THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK.
- E. CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES. REUSE EXISTING CONDUITS AND JUNCTION BOXES AS IS PRACTICAL.
- F. CONTRACTORS OPTION TO REUSE EXISTING JUNCTION BOX IN CORRECT LOCATION AT RECEPTACLES AND DEVICES IN WALLS NOT BEING REMOVED. EXISTING CONDUCTORS, DEVICES, AND COVERPLATES SHALL BE REPLACED WITH NEW.
- G. WHERE ELECTRICAL DEMOLITION IS DESIGNATED, ALL EXISTING CONDUCTORS SHALL BE REMOVED.
- H. THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.

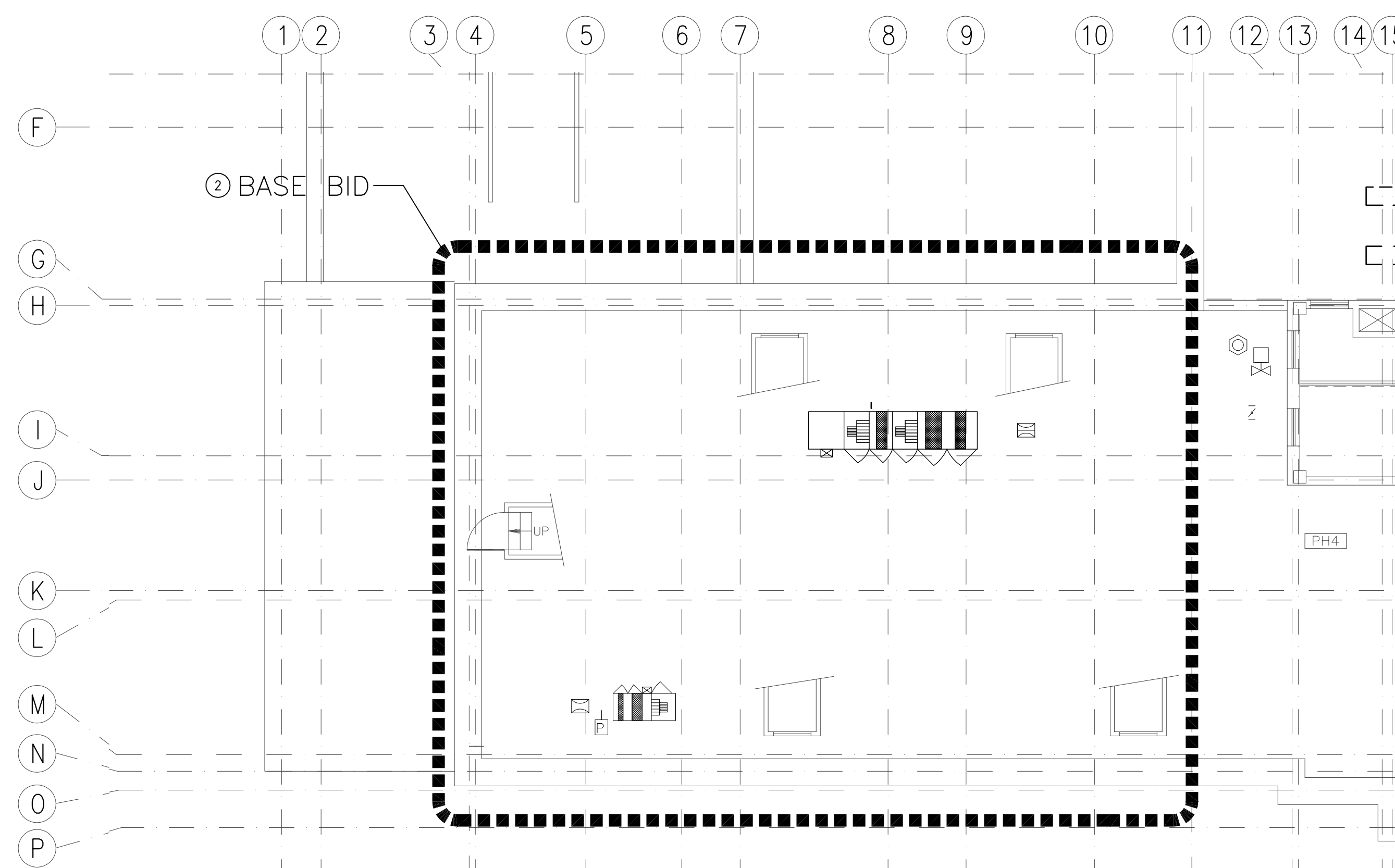
SHEET NOTES:

- 1. BASE BID. ELECTRICAL IN THIS AREA IS TO REMAIN. RECONNECT ANY CIRCUITS EFFECTED BY ADJACENT DEMOLITION WORK.

REVISIONS		DATE	
		C.W. MOORE PLAZA 250 S. 5TH ST. BOISE, ID 83702 (208) 343-4635 FAX (208) 343-1858 http://www.cshqa.com	
AMY L. DOCKTER, P.E. C.W. MOORE PLAZA 250 S. 5TH ST. BOISE, IDAHO PHONE: 208-343-4635 FAX: 208-343-1858		STAMP 	
CAD FILE NAME: 531-320_E1.3A.DWG		DRAWING TITLE THIRD FLOOR POWER DEMOLITION PLAN—BASE BID	
XREF FILE NAME: 531-320_30X42TLBK.DWG 531-320_67a3.dwg 531-320_67GRID.DWG 531-320_3rd Panels.DWG		PROJECT TITLE BOISE VAMC BUILDING 67 EXPANSION	
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE		BUILDING NUMBER 67	
APPROVED: MEDICAL CENTER DIRECTOR		CHECKED AKD	
		DRAWN DJP	
		LOCATION VAMC BOISE, IDAHO	
		DATE 07/12/2013	
		PROJECT NO. 531-320	
		DRAWING NO. E1.3A	
		DWG 133 OF 191	
		 DEPARTMENT OF VETERANS AFFAIRS	

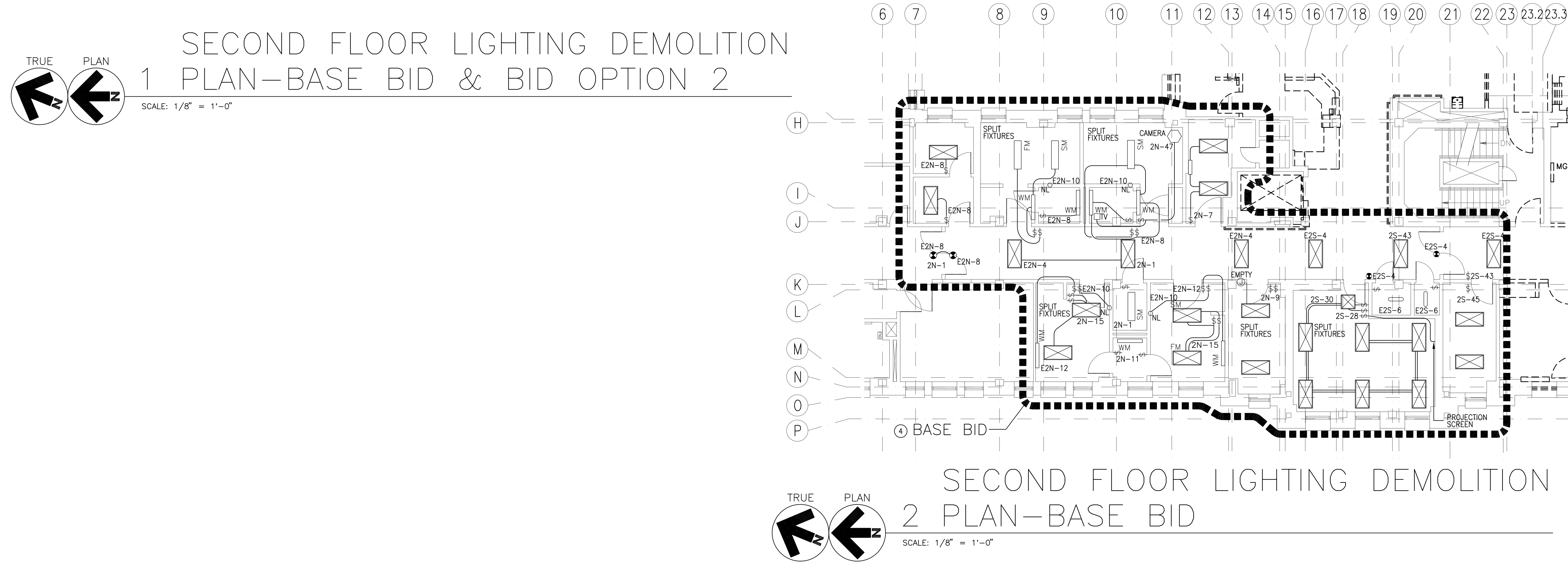
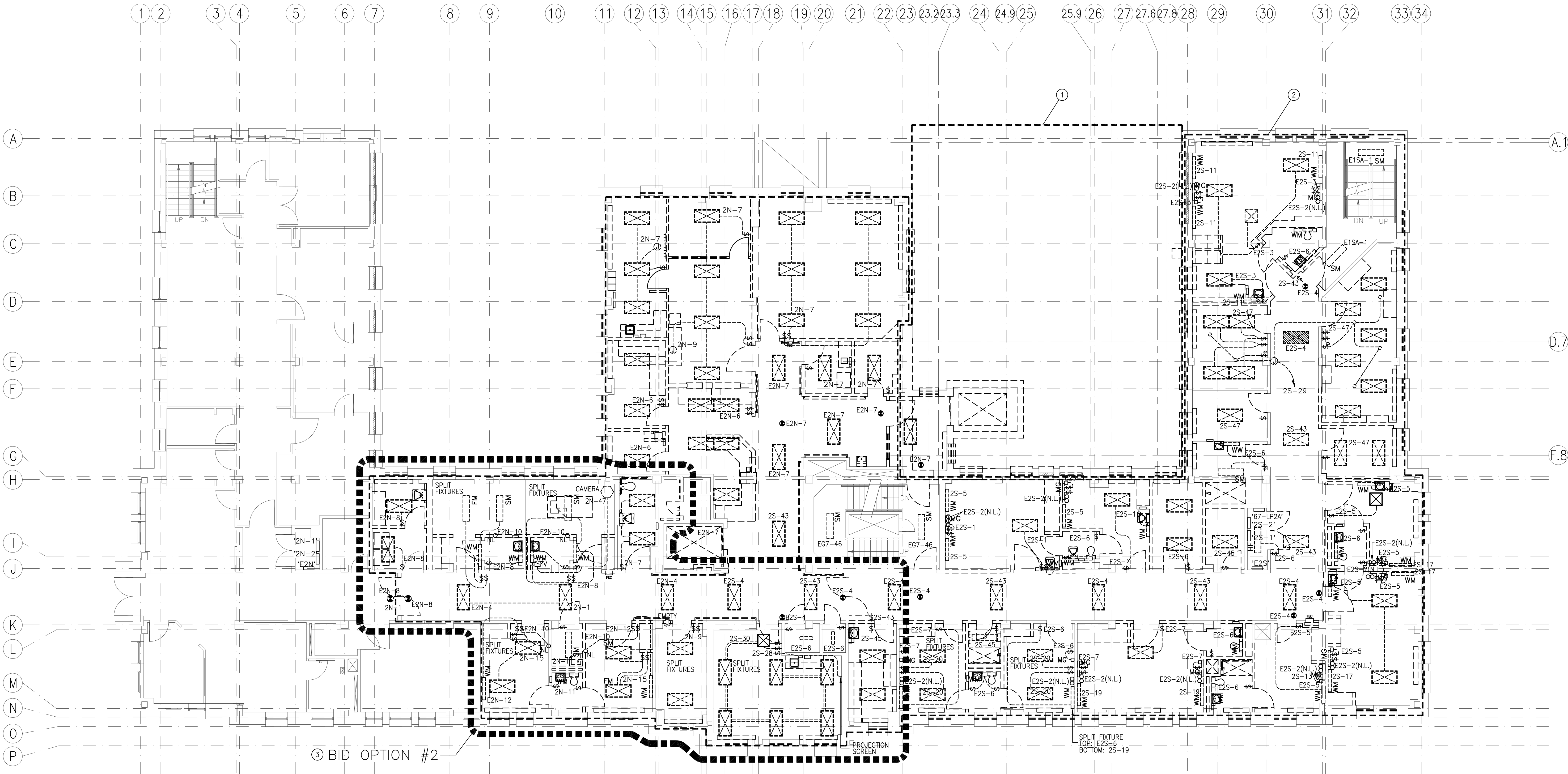


SCALE: 1/8" = 1'-0"



SCALE: 1/8" = 1'-0"

THREE INCHES = ONE FOOT
ONE AND ONE HALF INCHES = ONE FOOT
ONE INCH = ONE FOOT
THREE QUARTERS INCH = ONE FOOT
ONE HALF INCH = ONE FOOT
THREE EIGHTHS INCH = ONE FOOT
ONE QUARTER INCH = ONE FOOT
ONE EIGHTH INCH = ONE FOOT



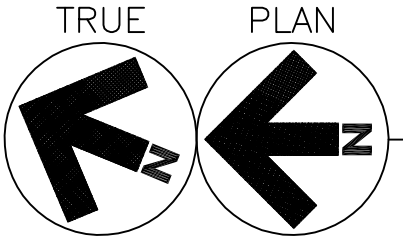
GENERAL NOTES:

- A. ALL DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF ELECTRICAL WITH ALL TRADES PRIOR TO START OF DEMOLITION.
- B. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- C. ALL CIRCUITS AND RELATED DEVICES THAT ARE TO REMAIN ARE TO STAY "ENERGIZED" IN THE DEMOLITION AND NEW CONSTRUCTION PHASES UNTIL THE COMPLETION OF THE WORK INDICATED ON THESE PLANS.
- D. THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK.
- E. CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES. REUSE EXISTING CONDUITS AND JUNCTION BOXES AS IS PRACTICAL.
- F. CONTRACTORS OPTION TO REUSE EXISTING JUNCTION BOX IN CORRECT LOCATION AT RECEPTACLES AND DEVICES IN WALLS NOT BEING REMOVED. EXISTING CONDUCTORS, DEVICES, AND COVERPLATES SHALL BE REPLACED WITH NEW.
- G. WHERE ELECTRICAL DEMOLITION IS DESIGNATED, ALL EXISTING CONDUCTORS SHALL BE REMOVED.
- H. THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.

SHEET NOTES:

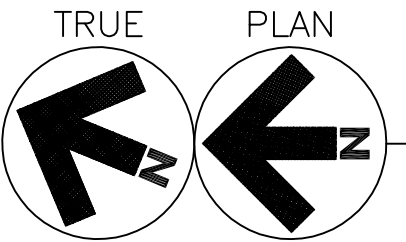
1. REMOVE ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE INCLUDING ELECTRICAL EQUIPMENT; ROUTED BELOW GRADE, MOUNTED ON THE SURFACE OF BUILDING, LOCATED IN PARTS OF BUILDING TO BE DEMOLISHED, AND ASSOCIATED WITH THE ELEVATOR TO BE REMOVED. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLAN.
2. ELECTRICAL PANELS WITHIN THIS AREA ARE TO REMAIN OPERATIONAL FOR RECONNECTION OF EXISTING AND CONNECTION OF NEW WORK. REMOVE ALL ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE EXCEPT ELECTRICAL PANELS AND ASSOCIATED FEEDERS. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLAN.
3. BID OPTION #2. REMOVE ELECTRICAL IN THIS AREA AS DENOTED IN SHEET NOTE 2.
4. BASE BID. ELECTRICAL IN THIS AREA IS TO REMAIN. RECONNECT ANY CIRCUITS EFFECTED BY ADJACENT DEMOLITION WORK.

SECOND FLOOR LIGHTING DEMOLITION
1 PLAN-BASE BID & BID OPTION 2



SCALE: 1/8" = 1'-0"

SECOND FLOOR LIGHTING DEMOLITION
2 PLAN-BASE BID

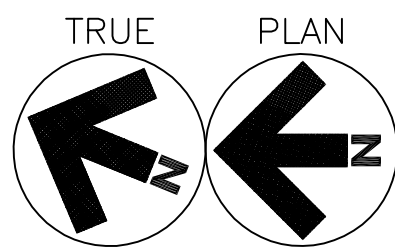
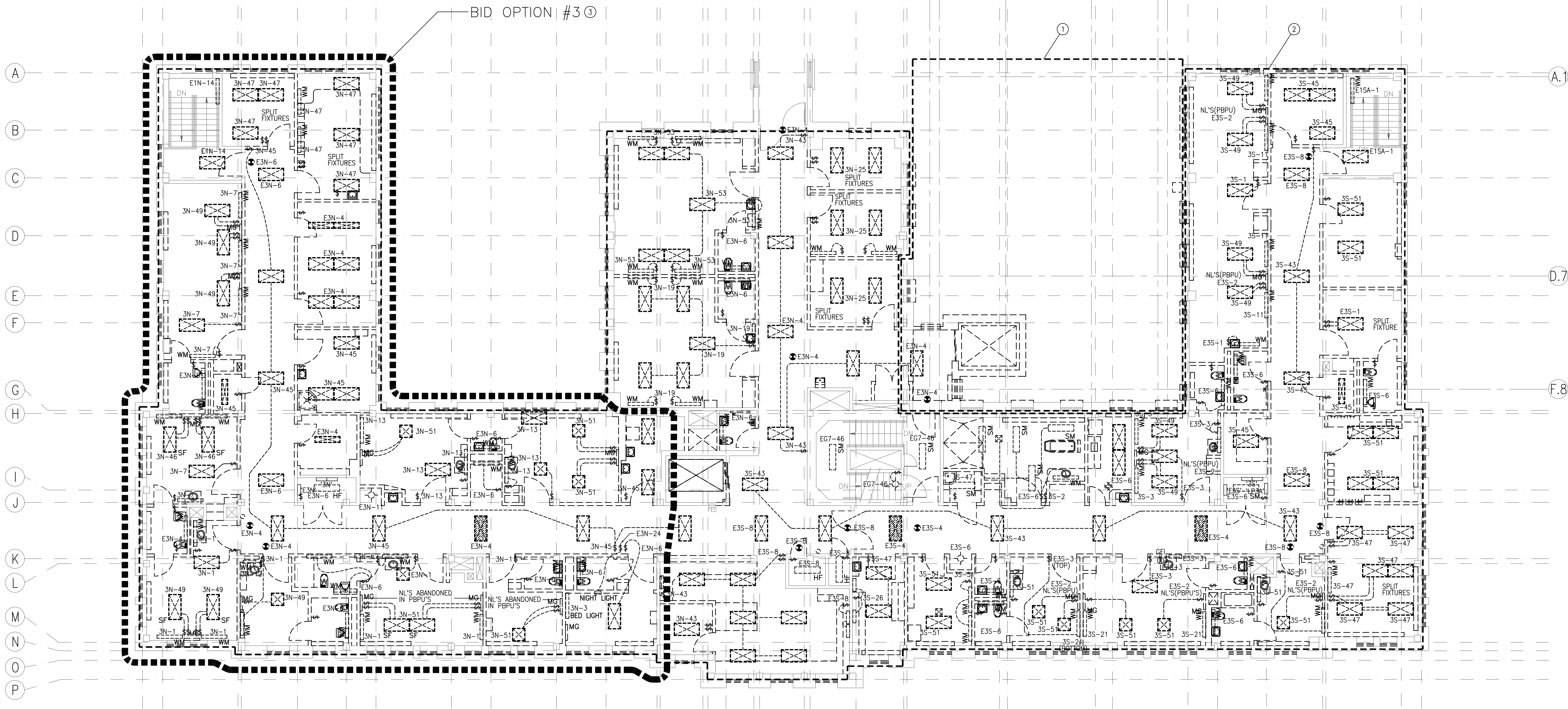


SCALE: 1/8" = 1'-0"

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ONE EIGHTH INCH = ONE FOOT
ONE QUARTER INCH = ONE FOOT
THREE EIGHTHS INCH = ONE FOOT
ONE HALF INCH = ONE FOOT
THREE HALVES INCH = ONE FOOT
ONE INCH = ONE FOOT
ONE AND ONE HALF INCHES = ONE FOOT
THREE INCHES = ONE FOOT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 23.2 23.3 24 24.9 25 25.9 26 27 27.6 27.8 28 29 30 31 32 33 34



THIRD FLOOR LIGHTING DEMOLITION 1 PLAN-BASE BID & BID OPTION 3

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- ALL DEMOLITION OF ELECTRICAL SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF ELECTRICAL WITH ALL TRADES PRIOR TO START OF DEMOLITION.
- PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- ALL CIRCUITS AND RELATED DEVICES THAT ARE TO REMAIN ARE TO STAY "ENERGIZED" IN THE DEMOLITION AND NEW CONSTRUCTION PHASES UNTIL THE COMPLETION OF THE WORK INDICATED ON THESE PLANS.
- THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK.
- CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES. REUSE EXISTING CONDUITS AND JUNCTION BOXES AS IS PRACTICAL.
- CONTRACTORS OPTION TO REUSE EXISTING JUNCTION BOX IN CORRECT LOCATION AT RECEPTACLES AND DEVICES IN WALLS NOT BEING REMOVED. EXISTING CONDUCTORS, DEVICES, AND COVERPLATES SHALL BE REPLACED WITH NEW.
- WHERE ELECTRICAL DEMOLITION IS DESIGNATED, ALL EXISTING CONDUCTORS SHALL BE REMOVED.
- THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.

SHEET NOTES:

- REMOVE ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE INCLUDING ELECTRICAL EQUIPMENT; ROUTED BELOW GRADE, MOUNTED ON THE SURFACE OF BUILDING, LOCATED IN PARTS OF BUILDING TO BE DEMOLISHED, AND ASSOCIATED WITH THE ELEVATOR TO BE REMOVED. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLAN.
- ELECTRICAL PANELS WITHIN THIS AREA ARE TO REMAIN OPERATIONAL FOR RECONNECTION OF EXISTING AND CONNECTION OF NEW WORK. REMOVE ALL ELECTRICAL WITHIN THIS BOUNDARY BACK TO SOURCE EXCEPT ELECTRICAL PANELS AND ASSOCIATED FEEDERS. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLAN.
- BID OPTION #3. REMOVE ELECTRICAL IN THIS AREA AS DENOTED IN SHEET NOTE 2.

REVISIONS	DATE

CSHQ

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XREF FILE NAME:

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531-320_67a3.dwg

531-320_67GRID.DWG

531-320_3rd Panels.DWG

DRAWING TITLE

THIRD FLOOR
LIGHTING
DEMOLITION PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE

BOISE VAMC
BUILDING 67 EXPANSION

BUILDING NUMBER

67

CHECKED

AKD

DRAWN

DJP

LOCATION

VAMC BOISE, IDAHO

DATE

07/12/2013

PROJECT NO.

531-320

DRAWING NO.



E1.6

DWG 136 OF 191

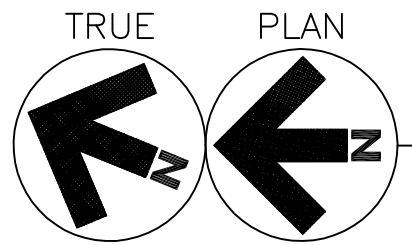
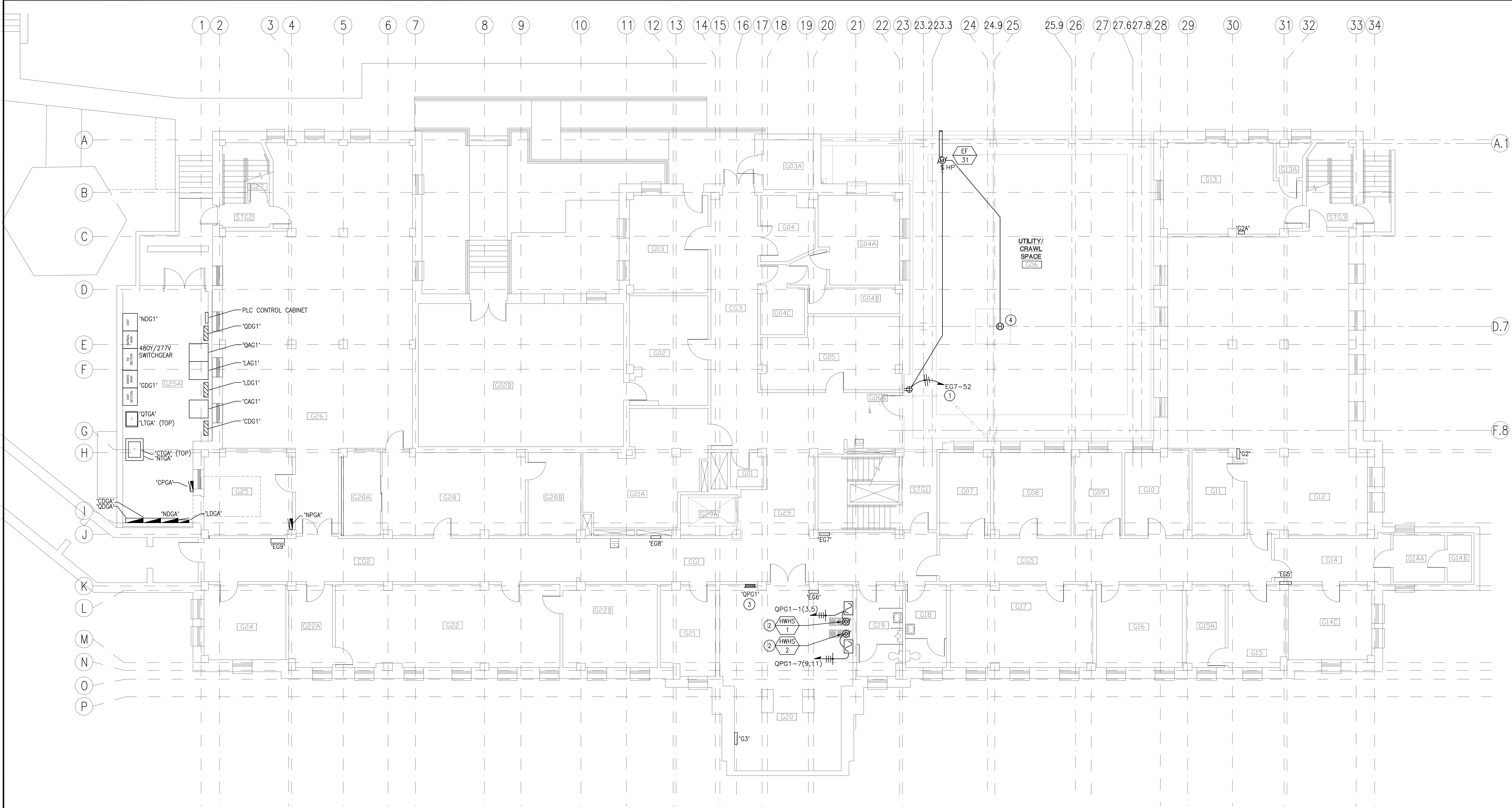




1. BASE BID. ELECTRICAL IN THIS AREA IS TO REMAIN. RECONNECT ANY CIRCUITS EFFECTED BY ADJACENT DEMOLITION WORK.

		<div>AMY E. DOCKTER, P.E. C.W. MOORE PLAZA 250 S. 5TH ST BOISE, IDAHO PHONE: 208-343-4635 FAX: 208-343-1858</div>		<div>STAMP </div>		<div>CAD FILE NAME: 531-320_E1.6A.DWG XREF FILE NAME: 531-320_30X42TLBK.DWG 531-320_67a3.dwg 531-320_67GRID.DWG 531-320_3rd Panels.DWG</div>		<div>DRAWING TITLE THIRD FLOOR LIGHTING DEMOLITION PLAN-BASE BID APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE</div>		<div>PROJECT TITLE BOISE VAMC BUILDING 67 EXPANSION BUILDING NUMBER 67 CHECKED AKD DRAWN DJP</div>		<div>DATE 07/12/2013 PROJECT NO. 531-320 DRAWING NO. E1.6A DWG 137 of 191</div>		<div> DEPARTMENT OF VETERANS AFFAIRS</div>	
REVISIONS		C.W. MOORE PLAZA 250 S. 5TH ST. BOISE, ID 83702 (208) 343-4635 FAX (208) 343-1858 http://www.cshq.com		<div>THESE DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF CS&H CONSULTANTS, INC. (CSHQ). IT IS THE POLICY OF CS&H CONSULTANTS, INC. (CSHQ) TO PROTECT THE PROPERTY OF CS&H CONSULTANTS, INC. (CSHQ) AND ITS AFFILIATES. NO PART OF THESE DRAWINGS OR SPECIFICATIONS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF CS&H CONSULTANTS, INC. (CSHQ) OR ITS AFFILIATES. Copyright © 2013</div>											

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ONE AND ONE HALF INCHES = ONE FOOT
THREE INCHES = ONE FOOT



1 GROUND FLOOR POWER PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
- MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.
- ROUTE ALL CONDUIT HOME RUNS TO PANELS OVERHEAD AND ABOVE ACCESSIBLE CEILINGS WHERE AVAILABLE.
- PROVIDE POWER RELAYS, LOW VOLTAGE TRANSFORMERS, CONDUITS AND JUNCTION BOXES FOR THE FOLLOWING SPECIAL SYSTEMS AS REQUIRED: AUTOMATIC DOORS, OVERHEAD PAGING, NURSE CALL, PHYSIOLOGY MONITORING, FIRE ALARM, ACCESS CONTROL, CCTV, VOICE/DATA, TELEMEDICINE A/V, CATV, MEDICAL GAS ALARMS, BUILDING AUTOMATION, CLOCKS, SECURITY SYSTEM CONNECTIONS AND MECHANICAL CONTROLS.
- SEE SPECIAL SYSTEM'S SCOPE OF WORK IN 'T' SERIES DRAWINGS. COORDINATE ELECTRICAL REQUIREMENTS FOR A COMPLETE AND OPERATIONAL SYSTEM WITH ARCHITECTURAL DOOR HARDWARE SCHEDULE AND SPECIFICATIONS, MECHANICAL AND PLUMBING CONTROL DRAWINGS, SPECIAL SYSTEM DRAWINGS, ARCHITECT, SYSTEM'S PROVIDER'S AND OWNERS AGENT. VERIFY ALL REQUIREMENTS PRIOR TO ROUGH-IN.
- THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
- COORDINATE WITH OWNERS AGENT FOR FINAL LOCATIONS OF ALL RECEPTACLES AND SPECIAL CONNECTIONS FOR EQUIPMENT PRIOR TO ROUGH-IN. COORDINATE RECEPTACLE INSTALLATION WITH MILLWORK AND BACKSPLASH INSTALLERS TO AVOID INTERFERENCES.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW MECHANICAL DRAWINGS AND SUBMITTALS, AND PROVIDE ALL LINE VOLTAGE POWER AND INTERLOCK CONDUIT, CONDUCTORS AND TERMINATIONS FOR FULLY OPERATIONAL SYSTEMS. CONDUIT FOR CONTROL WIRING SHALL BE BY ELECTRICAL CONTRACTOR. CONTROL WIRING AND CONNECTIONS FOR MECHANICAL EQUIPMENT SHALL BE BY CONTROLS CONTRACTOR.
- COORDINATE ALL CONTROL WORK WITH THE MECHANICAL CONTRACTOR. FURNISH AND INSTALL ALL ELECTRICAL BOXES AND CONDUIT RUNS REQUIRED PER MECHANICAL DRAWINGS.
- FURNISH AND INSTALL MOTOR STARTERS, DISCONNECTS AND FUSES AS REQUIRED BY EQUIPMENT RATINGS AND MANUFACTURERS RECOMMENDATIONS.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL 120 VOLT POWER FOR THE CONTROLS. COORDINATE EXACT REQUIREMENTS WITH THE CONTROL CONTRACTOR.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL CONDUITS FOR MECHANICAL SYSTEM CONTROLS. COORDINATE EXACT REQUIREMENTS WITH THE CONTROL CONTRACTOR.

SHEET NOTES:

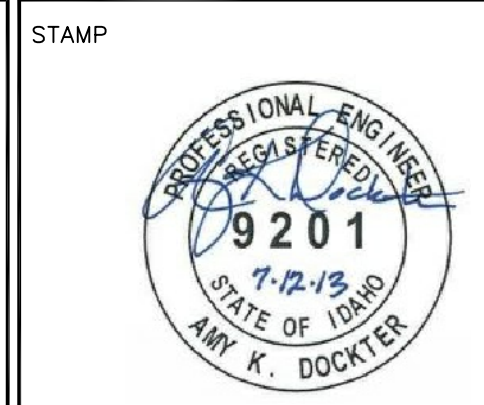
- VERIFY AND CONNECT TO SPARE BREAKER IN EXISTING PANEL 'E67'.
- NEW PUMP AND VFD BY MECHANICAL. MAKE ALL CONNECTIONS. VERIFY ALL REQUIREMENTS AND COORDINATE WORK WITH MECHANICAL.
- NEW PANEL 'QPG1'. SEE SINGLE LINE DIAGRAM.
- HUMIDISTAT. COORDINATE CONTROL WIRING AND INSTALLATION REQUIREMENTS WITH MANUFACTURER.

REVISIONS	DATE



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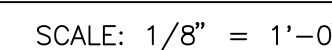
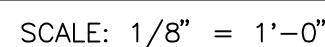
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531-320_M2.0.DWG

DRAWING TITLE
GROUND FLOOR POWER PLAN
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
BOISE VAMC BUILDING 67 EXPANSION
BUILDING NUMBER
67
CHECKED
AKD
DRAWN
DJP
LOCATION
VAMC BOISE, IDAHO

DATE
07/12/2013
PROJECT NO.
531-320
DRAWING NO.
E2.0
DWG 138 OF 191





1. BASE BID-NO ELECTRICAL WORK IN THIS AREA.
2. INTERCEPT CONDUIT AND CONDUCTORS IN SAME ROOM FEEDING SIMILAR LOAD AND EXTEND TO NEW RECEPTACLE AS SHOWN.

REVISIONS	DATE

CSHOA

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XREF FILE NAME:
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531-320_67a1
531-320_1st Panels

DRAWING TITLE
FIRST FLOOR POWER PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE	BOISE VAMC BUILDING 67 EXPANSION
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	BUILDING NUMBER
	67

CHECKED
AKD

<div> <div> DRAWN DJP </div> </div>

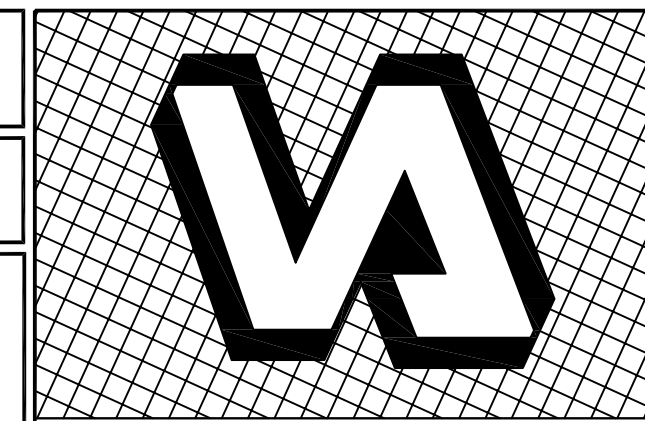
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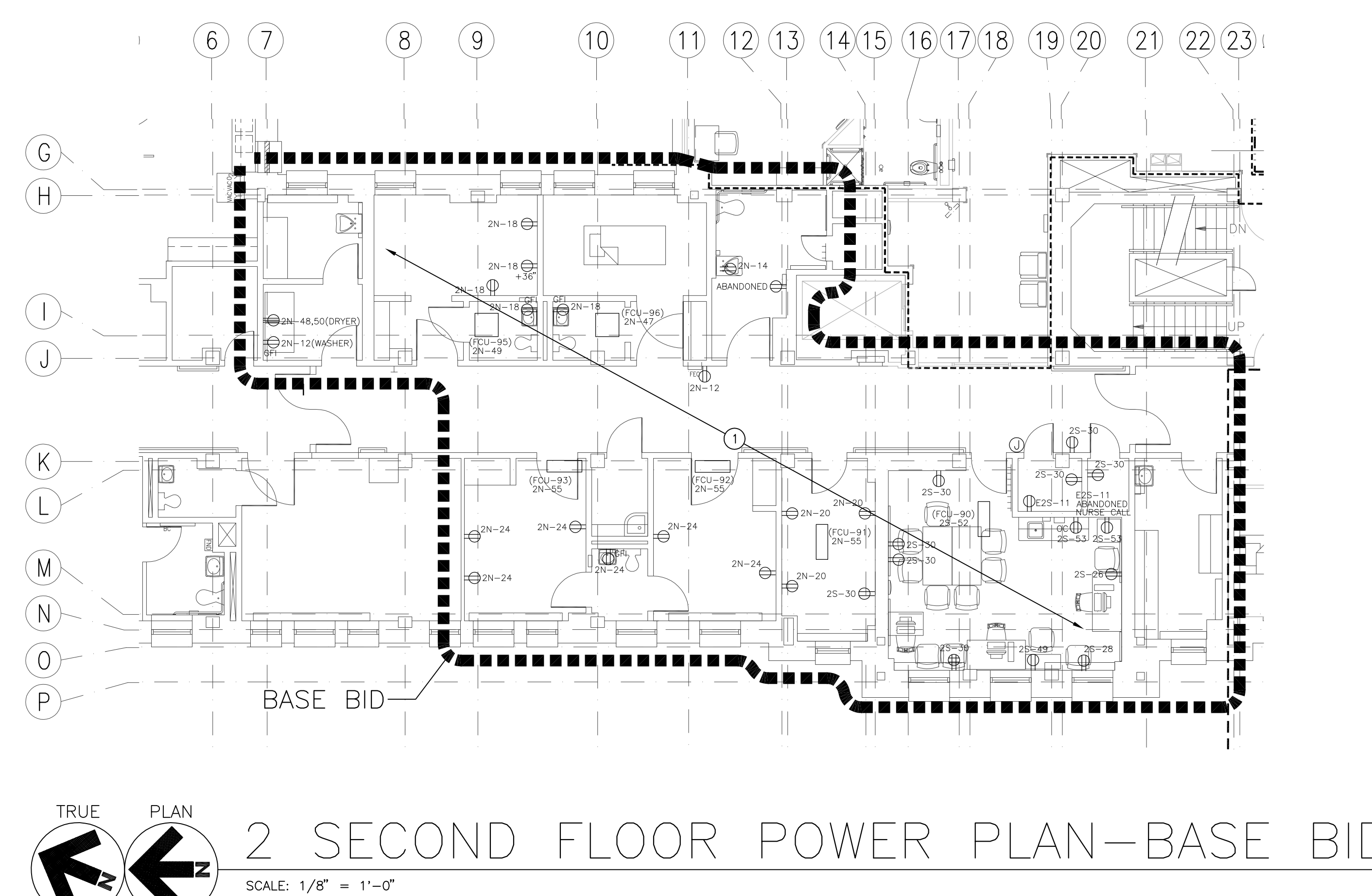
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531-320

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DWG 139 OF 191

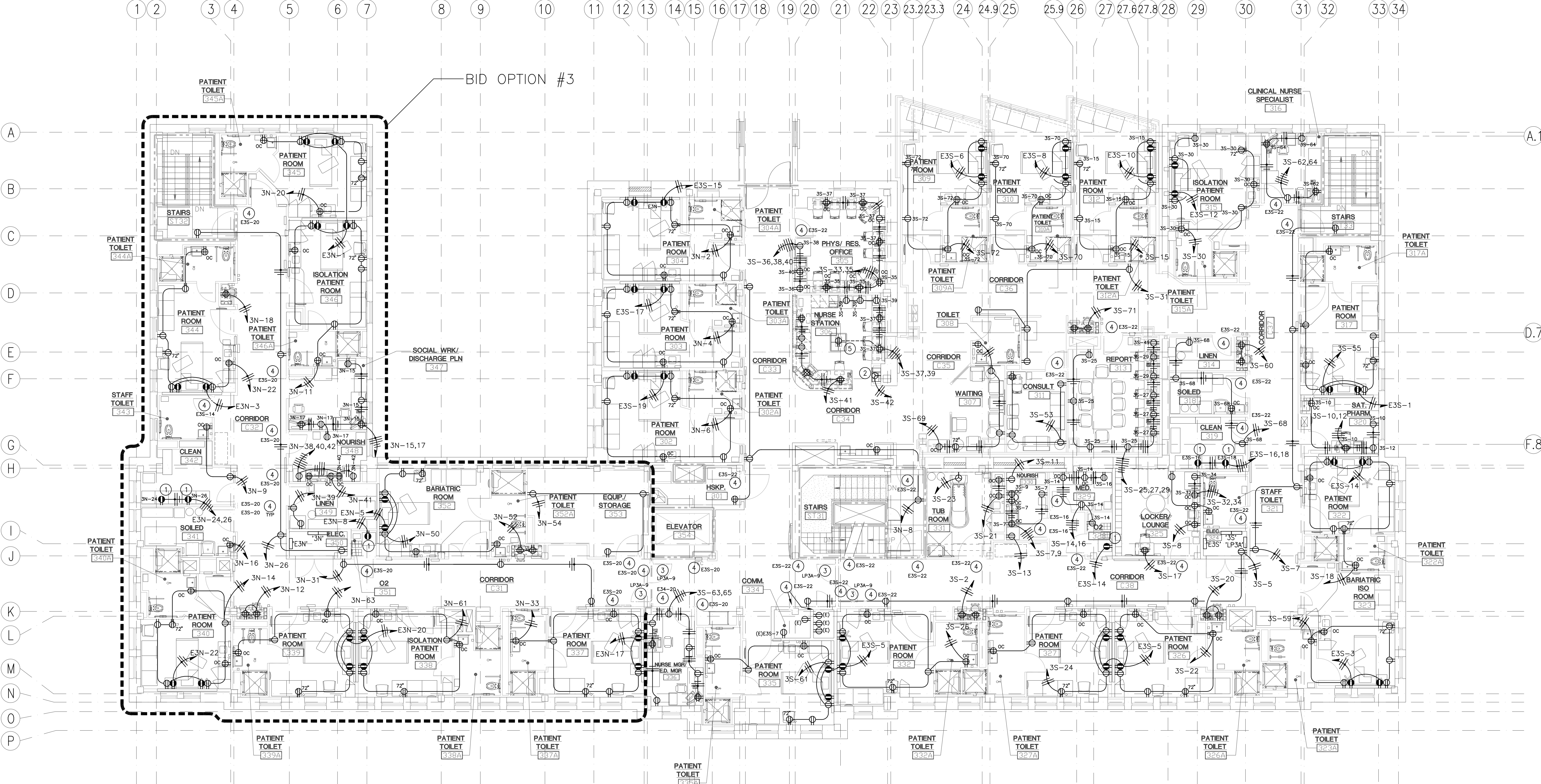


DEPARTMENT OF VETERANS AFFAIRS



1. EXISTING CONDITIONS TO REMAIN AND BE PROTECTED.
2. OMNICENTER, MULTI-CELL CABINET.
3. PNEUMATIC TUBE. COORDINATE MOUNTING HEIGHT AND LOCATION PRIOR TO ROUGH-IN.
4. CIRCUIT BREAKER FEEDING RECEPTACLES IN PATIENT ROOMS WITHIN SECURE AREA TO BE GFCI PROTECTED. SEE PANEL SCHEDULES.
5. MAGNETIC DOOR HOLDS. PROVIDE 120V POWER TO DOOR HOLDERS AND MAKE CONNECTIONS AS REQUIRED. COORDINATE REQUIREMENTS WITH FIRE ALARM CONTRACTOR. POWER FROM CIRCUIT NUMBER ADJACENT TO DEVICE. SHOWN FOR CLARITY.
6. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED OR IF NOT INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE ONE POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS. SEE REQUIREMENTS IN SPECIALTY AREA SECTION 28.00 DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER. POWER FROM CIRCUIT NUMBER ADJACENT TO DEVICE, SHOWN FOR CLARITY.
7. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED OR IF NOT INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE ONE POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS. SEE REQUIREMENTS IN SPECIALTY AREA SECTION 28.00 DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER. POWER FROM CIRCUIT NUMBER ADJACENT TO DEVICE, SHOWN FOR CLARITY.
8. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED OR IF NOT INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE ONE POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE AND RIGOR 1/2" CONDUIT AND WIRING TO CONTROL PANEL TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS. COORDINATE WITH ARCHITECT AND DOOR INSTALLER. POWER FROM CIRCUIT NUMBER ADJACENT TO DEVICE, SHOWN FOR CLARITY.
9. POWER FOR FLOOR MOUNTED DOOR HOLDERS. COORDINATE ALL REQUIREMENTS WITH GENERAL CONTRACTOR TO FLUSH FLOOR MOUNT

ONE EIGHTH INCH = ONE FOOT
ONE QUARTER INCH = ONE FOOT
THREE EIGHTHS INCH = ONE FOOT
ONE HALF INCH = ONE FOOT
THREE QUARTERS INCH = ONE FOOT
ONE INCH = ONE FOOT
ONE AND ONE HALF INCHES = ONE FOOT
THREE INCHES = ONE FOOT



TRUE PLAN
1 THIRD FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- A. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES.
- B. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.
- C. ROUTE ALL CONDUIT HOME RUNS TO PANELS OVERHEAD AND ABOVE ACCESSIBLE CEILINGS WHERE AVAILABLE.
- D. PROVIDE POWER RELAYS, LOW VOLTAGE TRANSFORMERS, CONDUITS AND JUNCTION BOXES FOR THE FOLLOWING SPECIAL SYSTEMS AS REQUIRED: AUTOMATIC DOORS, OVERHEAD PAGING, NURSE CALL, PHYSIOLOGY MONITORING, FIRE ALARM, ACCESS CONTROL, CCTV, VOICE/DATA, CATV, MEDICAL GAS ALARMS, BUILDING AUTOMATION, SECURITY SYSTEM CONNECTIONS AND MECHANICAL CONTROLS.
- E. SEE SPECIAL SYSTEMS SCOPE OF WORK IN 'I' SERIES DRAWINGS. COORDINATE ELECTRICAL REQUIREMENTS FOR A COMPLETE AND OPERATIONAL SYSTEM WITH ARCHITECTURAL DOOR HARDWARE SCHEDULE AND SPECIFICATIONS, MECHANICAL AND PLUMBING CONTROL DRAWINGS, SPECIAL SYSTEM DRAWINGS, ARCHITECT, SYSTEMS PROVIDER'S AND OWNERS AGENT. VERIFY ALL REQUIREMENTS PRIOR TO ROUGH-IN.
- F. THE CONTRACTOR SHALL PROVIDE UPDATED CIRCUIT PANEL DIRECTORIES FOR ALL PANELS THAT CONTAIN CIRCUITS IMPACTED BY THIS PROJECT.
- G. COORDINATE WITH OWNERS AGENT FOR FINAL LOCATIONS OF ALL RECEPTACLES AND SPECIAL CONNECTIONS FOR EQUIPMENT PRIOR TO ROUGH-IN. COORDINATE RECEPTACLE INSTALLATION WITH MILLWORK AND BACKSLASH INSTALLERS TO AVOID INTERFERENCES.

SHEET NOTES:

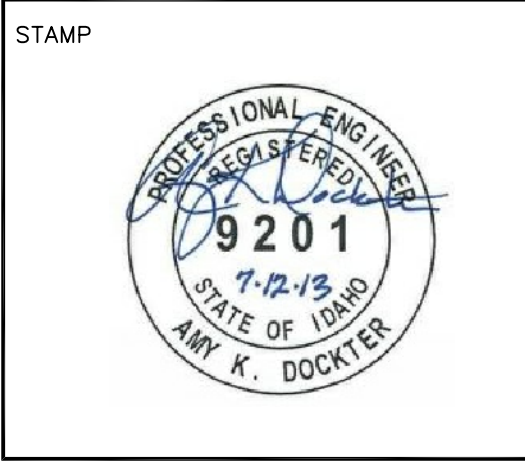
- 1. OMNICENTER, MULTI-CELL CABINET.
- 2. PNEUMATIC TUBE. COORDINATE MOUNTING HEIGHT AND LOCATION PRIOR TO ROUGH-IN.
- 3. MAGNETIC DOOR HOLDS. PROVIDE 120V POWER TO DOOR HOLDERS AND MAKE CONNECTIONS AS REQUIRED. COORDINATE REQUIREMENTS WITH FIRE ALARM CONTRACTOR. POWER FROM CIRCUIT NUMBER ADJACENT TO DEVICE. SHOWN FOR CLARITY.
- 4. FURNISH AND INSTALL BOXED POWER SUPPLIES AS INDICATED OR IF NOT INDICATED ABOVE ACCESSIBLE CEILINGS. VERIFY LOCATIONS WITH ARCHITECT. PROVIDE ONE POWER SUPPLY FOR EACH DOOR OPENING. PROVIDE 120V POWER TO ADEQUATELY SERVE DOORS WITH ELECTRIFIED DOOR HARDWARE AND MAKE CONNECTIONS. SEE REQUIREMENTS IN SPECIFICATION SECTION 087100 - DOOR HARDWARE. COORDINATE WITH ARCHITECT AND DOOR INSTALLER. POWER FROM CIRCUIT NUMBER ADJACENT TO DEVICE. SHOWN FOR CLARITY.
- 5. FURNISH AND INSTALL RECEPTACLE IN MILLWORK. ROUTE CONDUIT BELOW THE FLOOR. MAKE REPAIRS TO MATCH ADJACENT FLOOR. COORDINATE INSTALLATION WITH MILLWORK AND TELE/COMM CONTRACTORS.

REVISIONS	DATE



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531-320_3rd Panels.DWG

DRAWING TITLE
THIRD FLOOR
POWER PLAN
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
BOISE VAMC
BUILDING 67 EXPANSION
BUILDING NUMBER
67
CHECKED
AKD
DRAWN
DJP
LOCATION
VAMC BOISE, IDAHO

DATE
07/12/2013
PROJECT NO.
531-320
DRAWING NO.
E2.3
DWG 141 OF 191

